

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070657.D
 Acq On : 17 Jan 2022 20:18
 Operator : JC/MD
 Sample : N1148-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33RE

Quant Time: Jan 18 03:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	735542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1226768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1141956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	493414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	617760	58.413	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.820%
35) Dibromofluoromethane	8.021	113	438591	59.089	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	118.180%
50) Toluene-d8	10.440	98	1896589	62.548	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	125.100%
62) 4-Bromofluorobenzene	12.731	95	783597	71.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	143.100%#
Target Compounds						
						Qvalue
3) Chloromethane	2.309	50	4564	0.402	ug/l	96
5) Bromomethane	2.866	94	1375	0.258	ug/l #	51
6) Chloroethane	3.025	64	4662	0.749	ug/l	96
11) Tert butyl alcohol	5.374	59	468421	266.011	ug/l #	71
13) Acrolein	4.253	56	91376	63.954	ug/l #	78
14) Allyl chloride	5.076	41	580547	34.182	ug/l #	55
15) Acrylonitrile	5.615	53	111135	20.225	ug/l #	37
16) Acetone	4.253	43	318621	46.411	ug/l #	55
18) Methyl Acetate	5.079	43	1476956	74.372	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	2963159	106.512	ug/l #	1
20) Methylene Chloride	5.071	84	7630	0.803	ug/l #	1
22) Diisopropyl ether	6.503	45	52249	1.579	ug/l #	85
23) Vinyl Acetate	6.506	43	27574	1.074	ug/l #	72
25) 2-Butanone	7.324	43	27804	3.216	ug/l #	55
26) 2,2-Dichloropropane	7.142	77	10434	0.771	ug/l #	52
29) Tetrahydrofuran	7.705	42	1900	0.368	ug/l #	46
31) Cyclohexane	8.094	56	727682	43.603	ug/l	85
36) 1,1-Dichloropropene	8.086	75	59343	4.833	ug/l #	48
37) Ethyl Acetate	7.324	43	27804	1.747	ug/l #	68
38) Carbon Tetrachloride	8.088	117	72098	6.149	ug/l #	16
39) Methylcyclohexane	9.459	83	980684	65.971	ug/l #	87
40) Benzene	8.461	78	1716557	45.599	ug/l	99
41) Methacrylonitrile	7.844	41	54138	6.801	ug/l #	49
42) 1,2-Dichloroethane	8.531	62	25572	1.807	ug/l #	76
43) Isopropyl Acetate	8.555	43	337126	13.435	ug/l #	55
45) 1,2-Dichloropropane	9.459	63	11812	1.165	ug/l #	1
47) Bromodichloromethane	9.638	83	13472	1.077	ug/l #	25
48) Methyl methacrylate	9.641	41	104405	8.723	ug/l #	56
51) 4-Methyl-2-Pentanone	10.368	43	7017	0.445	ug/l #	37
52) Toluene	10.505	92	219503	9.633	ug/l	98
55) 1,1,2-Trichloroethane	10.878	97	209573	23.246	ug/l #	20
56) Ethyl methacrylate	10.781	69	37820	2.539	ug/l #	7
58) 2-Chloroethyl Vinyl ether	10.054	63	134	18.546	ug/l #	45
59) 2-Hexanone	11.218	43	4098	0.356	ug/l	69
67) Ethyl Benzene	11.843	91	4734248	106.640	ug/l	96
68) m/p-Xylenes	11.950	106	4220113	261.148	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

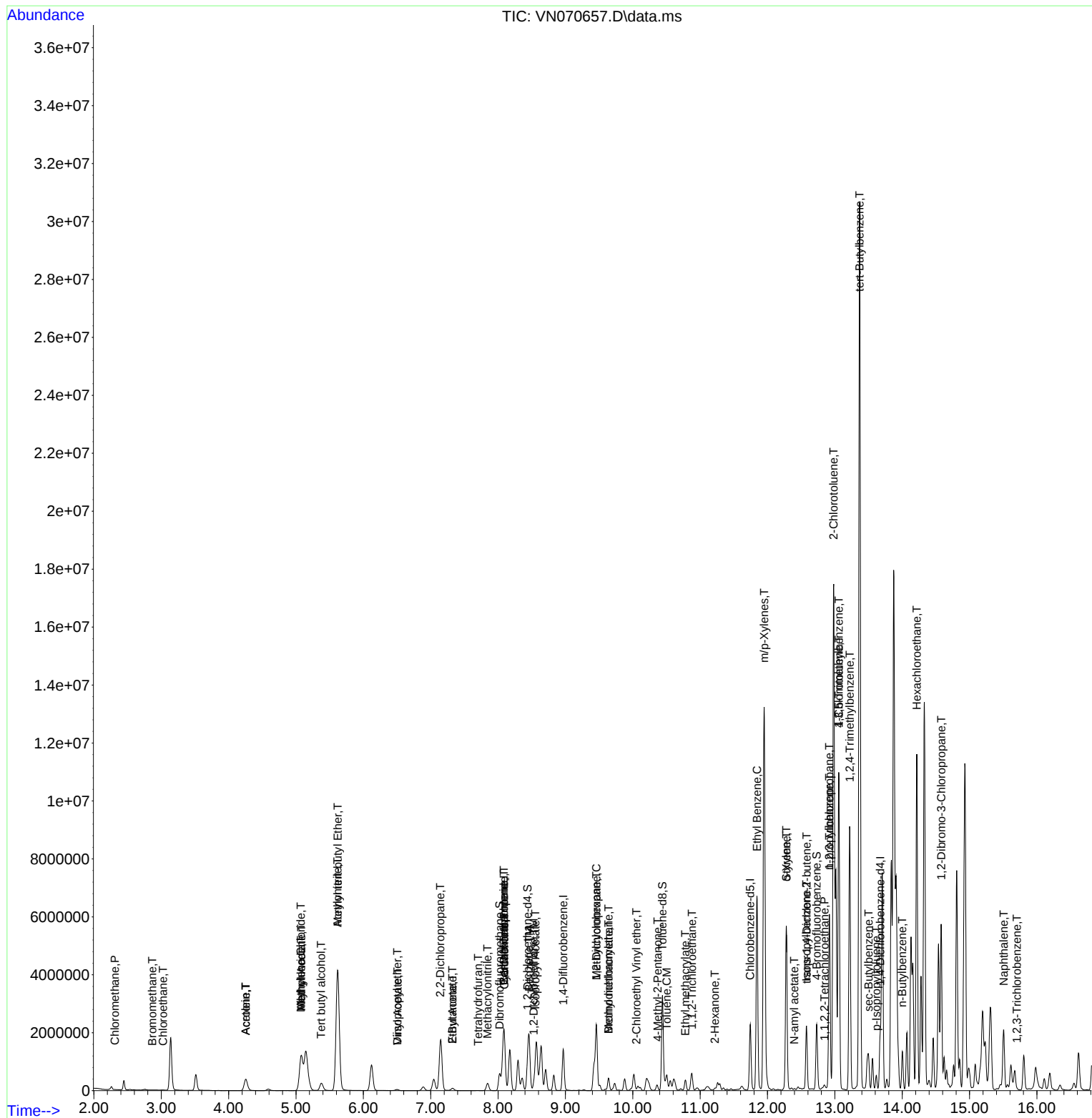
69) o-Xylene	12.280	106	1495773	93.058	ug/l	91
70) Styrene	12.280	104	74308	2.921	ug/l #	1
73) Isopropylbenzene	12.578	105	1486489	32.441	ug/l	98
74) N-amyl acetate	12.395	43	5968	0.310	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.846	83	16434	1.427	ug/l #	32
76) 1,2,3-Trichloropropane	12.918	75	25897	4.410	ug/l #	1
78) n-propylbenzene	12.918	91	4883567	96.193	ug/l	96
79) 2-Chlorotoluene	12.983	91	1301203	39.945	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	6151493	167.531	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.581	75	17221	4.264	ug/l #	70
82) 4-Chlorotoluene	13.058	91	653197	21.407	ug/l #	38
83) tert-Butylbenzene	13.366	119	2202409	68.118	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.219	105	5881963	166.357	ug/l	76
85) sec-Butylbenzene	13.500	105	721664	16.440	ug/l #	65
86) p-Isopropyltoluene	13.616	119	270653	7.849	ug/l	97
89) n-Butylbenzene	14.002	91	146348	5.088	ug/l #	1
90) Hexachloroethane	14.217	117	545631	91.085	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	20222	7.618	ug/l #	1
95) Naphthalene	15.507	128	1927371	84.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	820	0.930	ug/l #	55

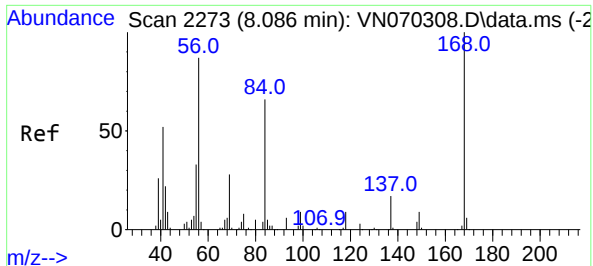
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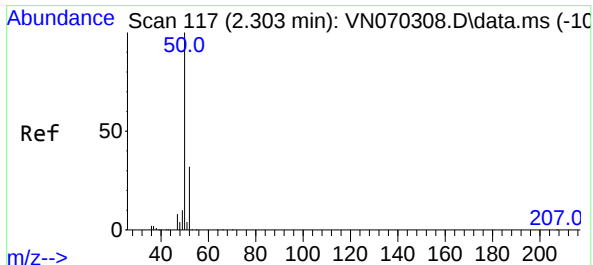
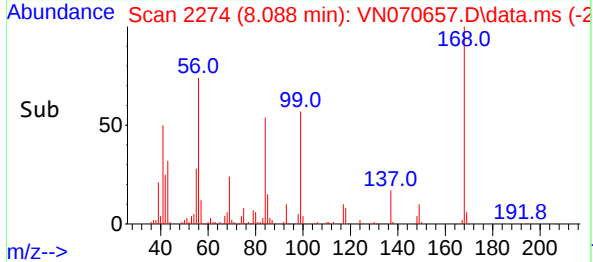
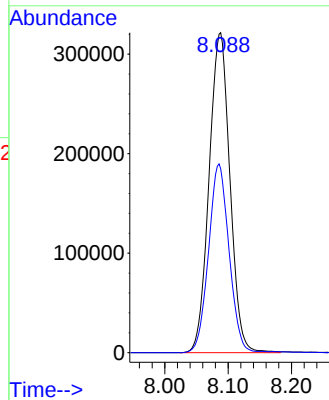
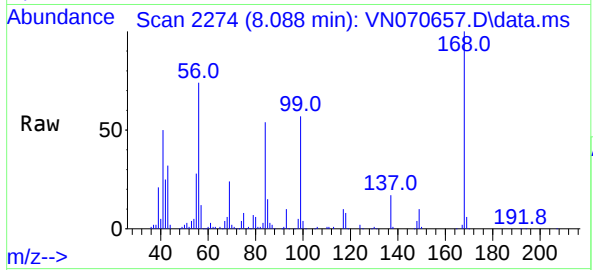




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

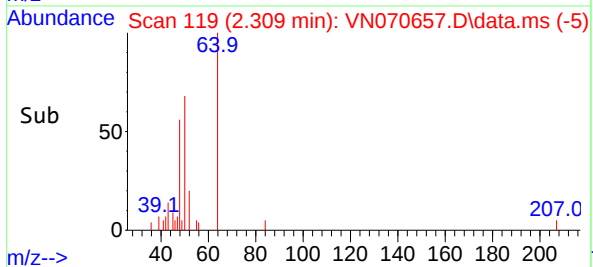
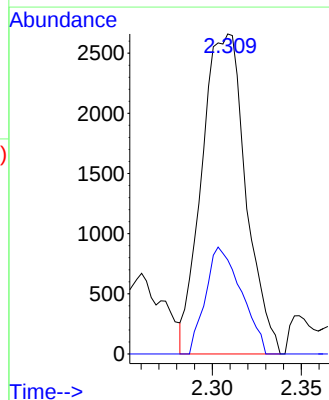
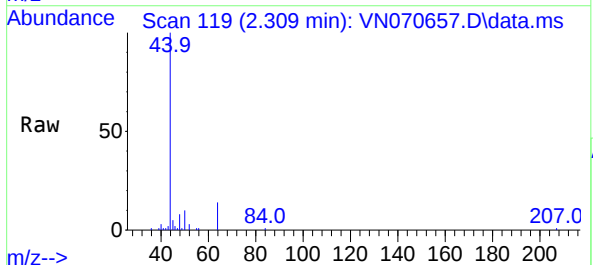
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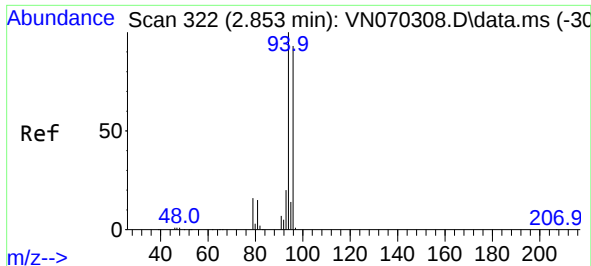
Tgt Ion:168 Resp: 735542
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.402 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 50 Resp: 4564
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.0

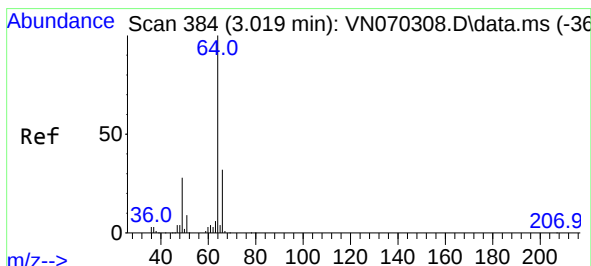
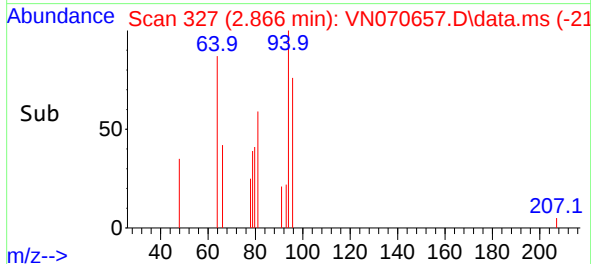
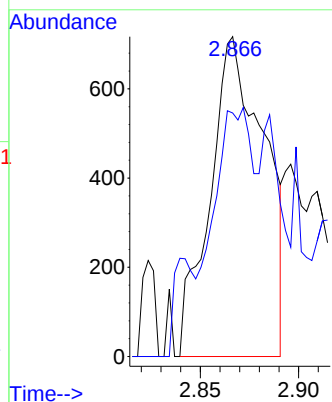
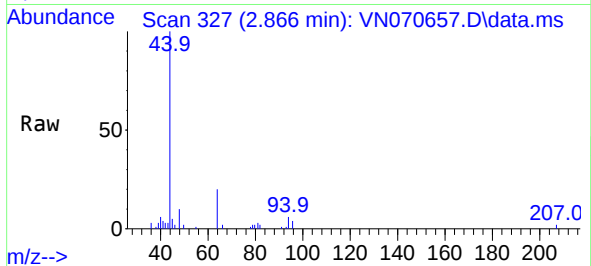




#5
Bromomethane
Concen: 0.258 ug/l
RT: 2.866 min Scan# 31
Delta R.T. 0.013 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

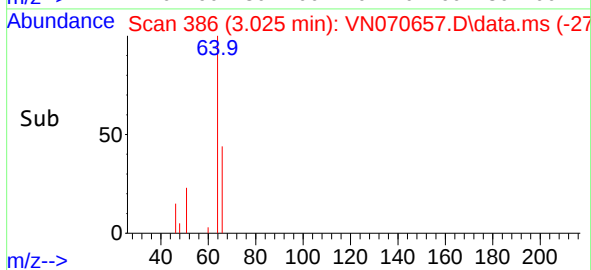
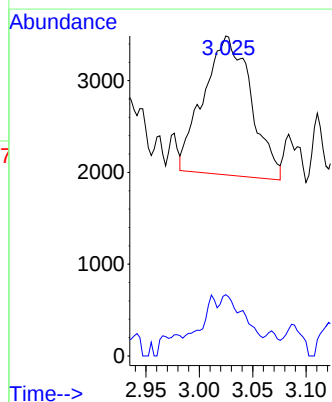
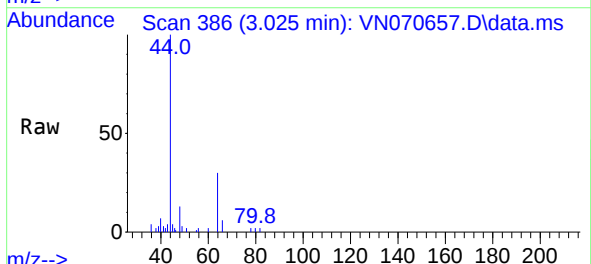
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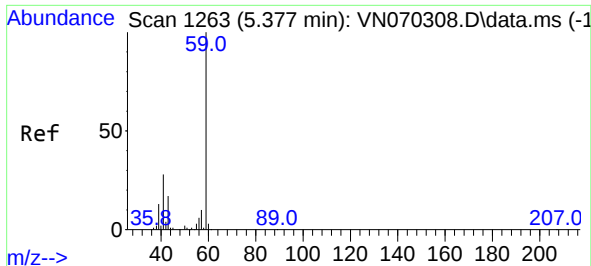
Tgt Ion: 94 Resp: 1375
Ion Ratio Lower Upper
94 100
96 45.5 73.8 110.8#



#6
Chloroethane
Concen: 0.749 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.006 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 64 Resp: 4662
Ion Ratio Lower Upper
64 100
66 35.2 26.3 39.5

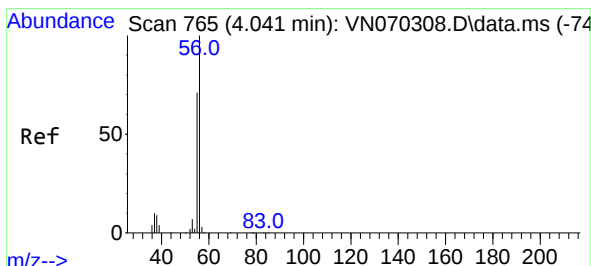
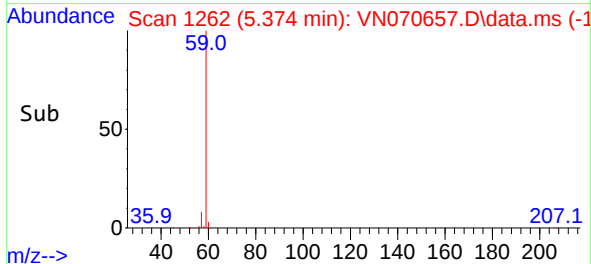
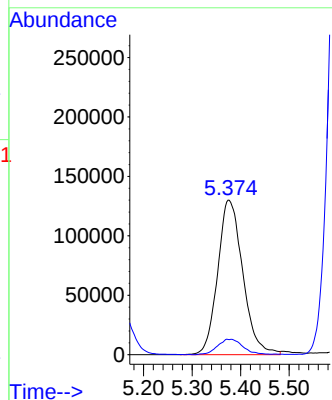
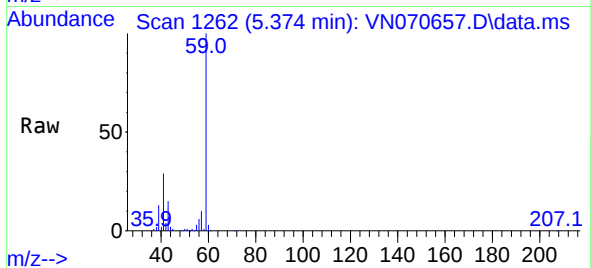




#11
Tert butyl alcohol
Concen: 266.011 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

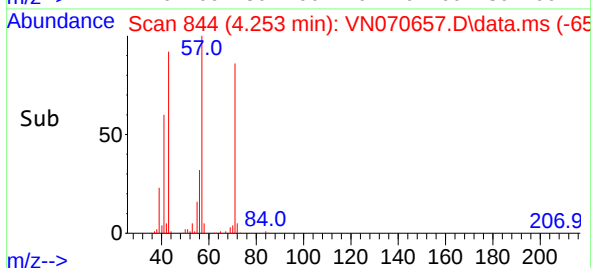
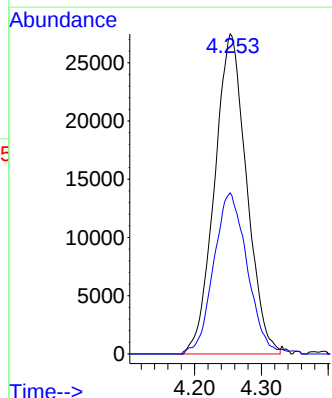
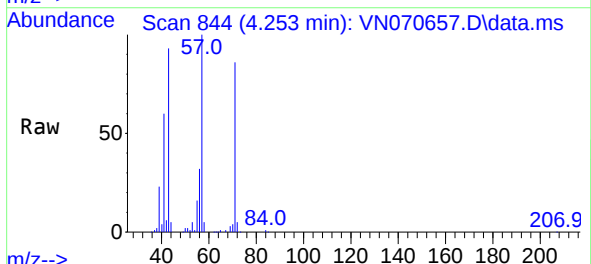
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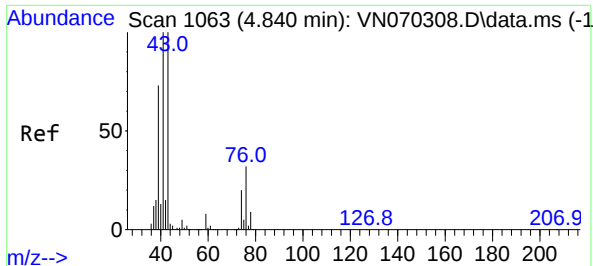
Tgt Ion: 59 Resp: 468421
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 63.954 ug/l
RT: 4.253 min Scan# 844
Delta R.T. 0.212 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 56 Resp: 91376
Ion Ratio Lower Upper
56 100
55 52.6 56.6 85.0#





#14

Allyl chloride

Concen: 34.182 ug/l

RT: 5.076 min Scan# 1151

Delta R.T. 0.236 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

MW-33RE

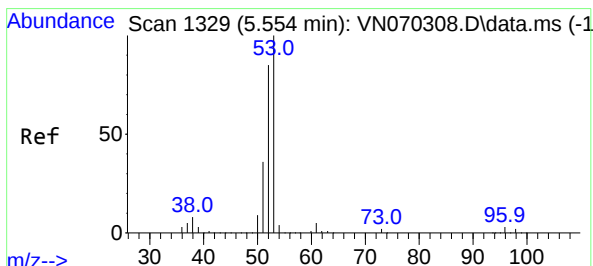
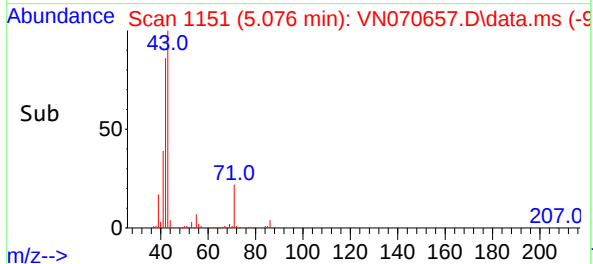
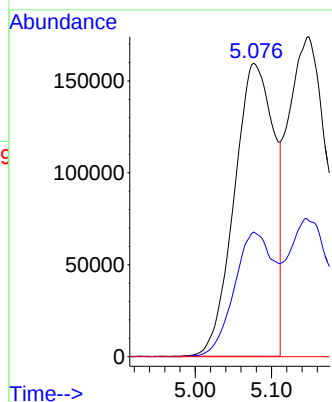
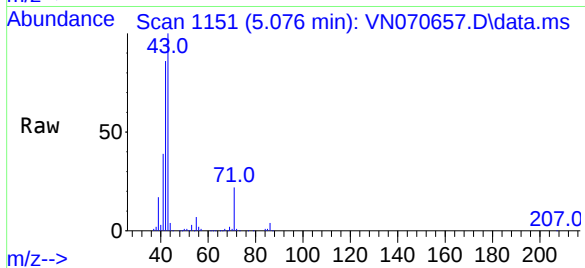
Tgt Ion: 41 Resp: 580547

Ion Ratio Lower Upper

41 100

39 42.6 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 20.225 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. 0.061 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

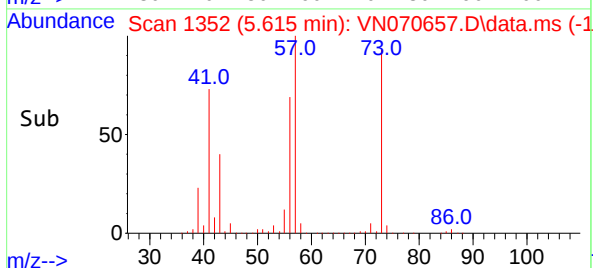
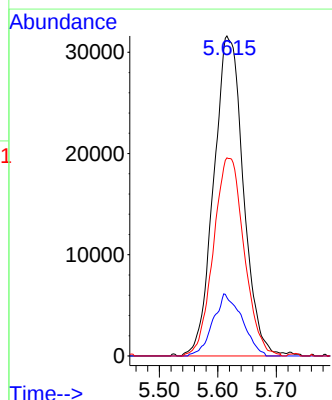
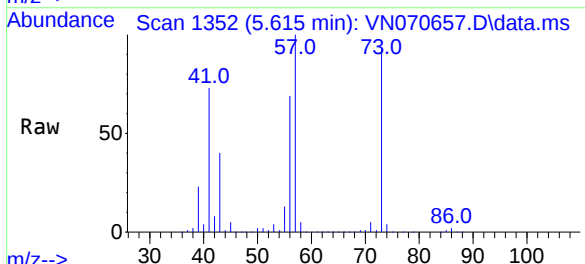
Tgt Ion: 53 Resp: 111135

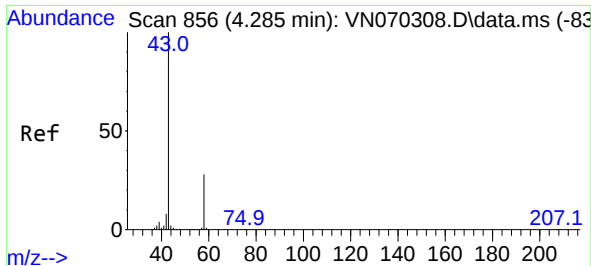
Ion Ratio Lower Upper

53 100

52 19.1 66.2 99.2#

51 64.4 29.6 44.4#

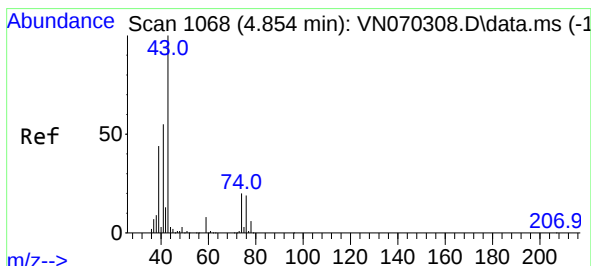
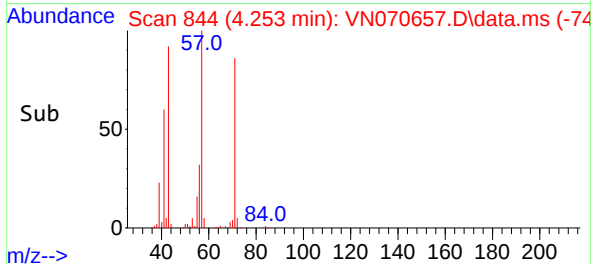
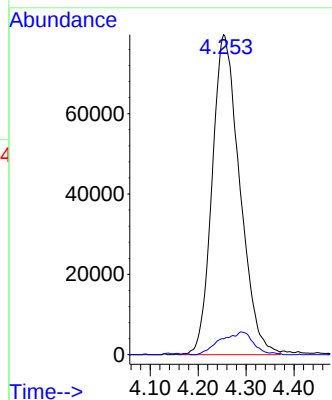
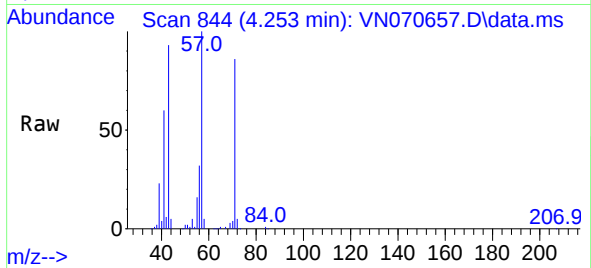




#16
Acetone
Concen: 46.411 ug/l
RT: 4.253 min Scan# 84
Delta R.T. -0.032 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

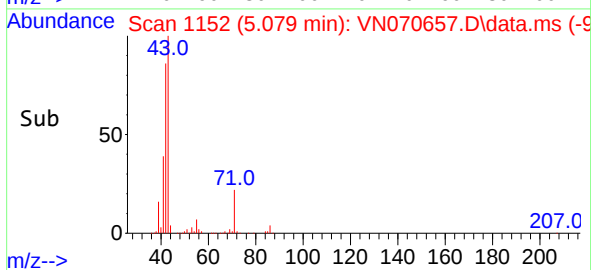
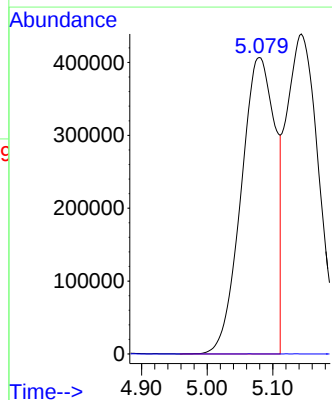
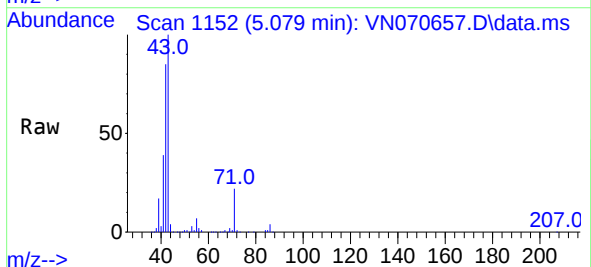
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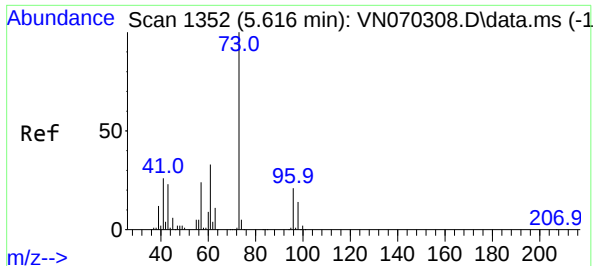
Tgt Ion: 43 Resp: 318621
Ion Ratio Lower Upper
43 100
58 4.7 23.1 34.7#



#18
Methyl Acetate
Concen: 74.372 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. 0.225 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 43 Resp: 1476956
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 106.512 ug/l

RT: 5.621 min Scan# 1149

Delta R.T. 0.005 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

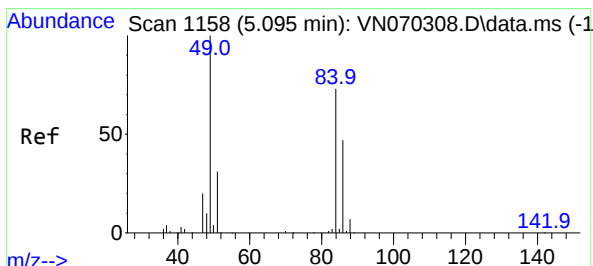
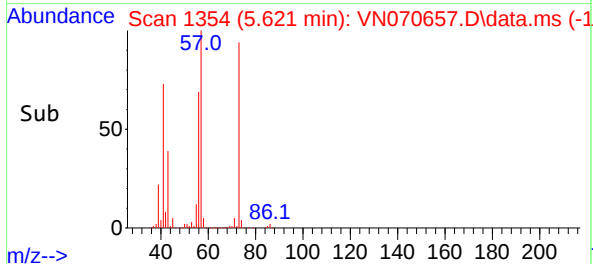
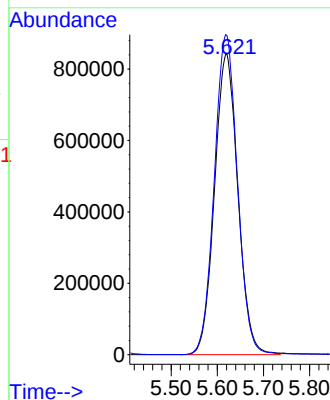
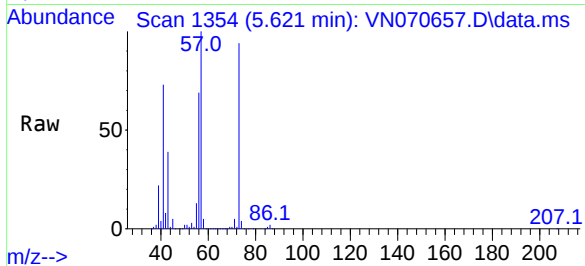
MW-33RE

Tgt Ion: 73 Resp: 2963159

Ion Ratio Lower Upper

73 100

57 106.1 16.8 25.2#



#20

Methylene Chloride

Concen: 0.803 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. -0.024 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Tgt Ion: 84 Resp: 7630

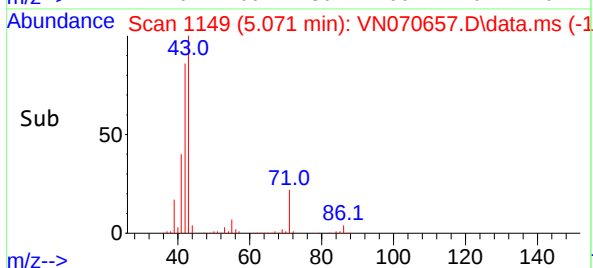
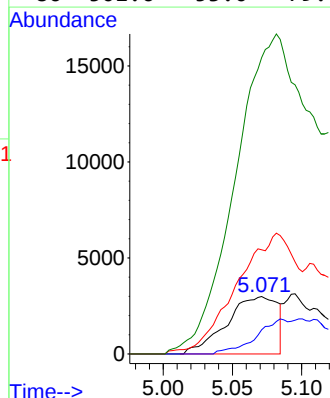
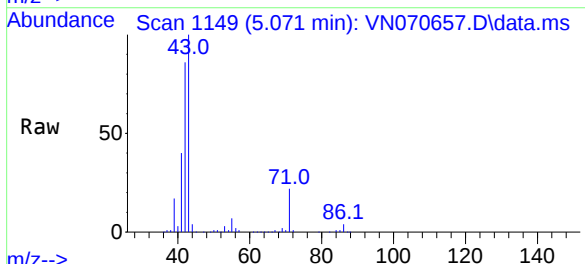
Ion Ratio Lower Upper

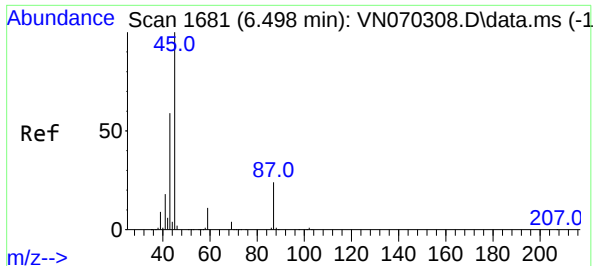
84 100

49 42.0 93.5 140.3#

51 173.7 29.4 44.2#

86 501.6 53.0 79.4#

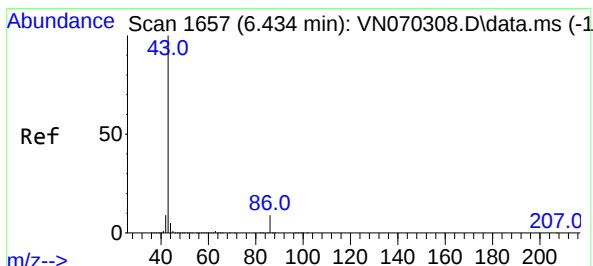
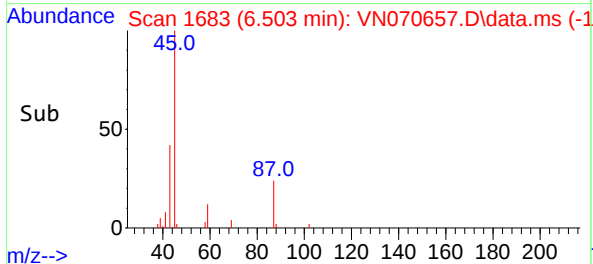
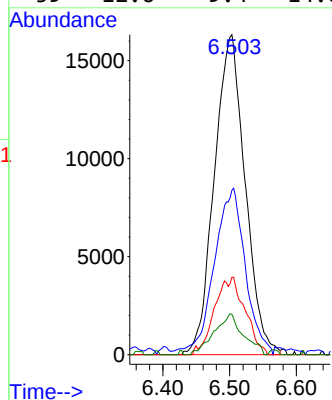
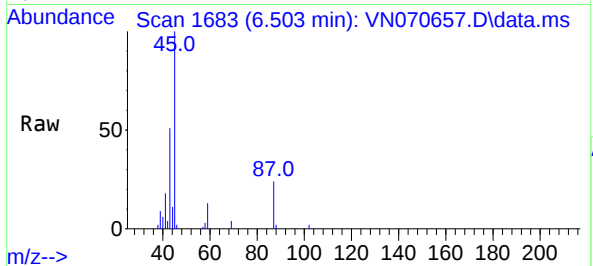




#22
Diisopropyl ether
Concen: 1.579 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

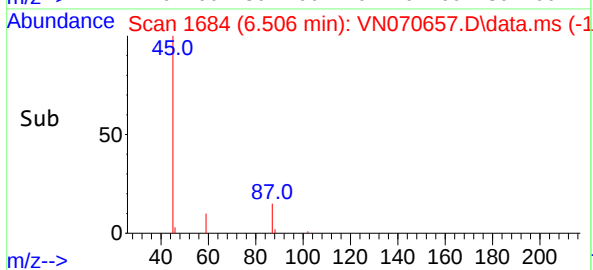
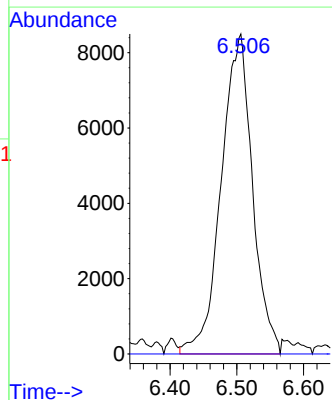
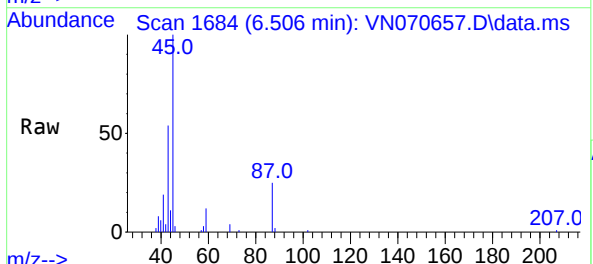
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

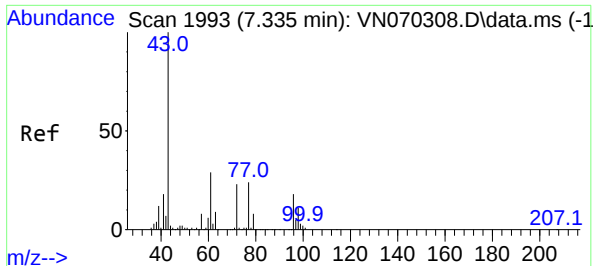
Tgt Ion:	45	Resp:	52249
Ion	Ratio	Lower	Upper
45	100		
43	49.5	51.7	77.5#
87	24.2	23.2	34.8
59	12.6	9.4	14.0



#23
Vinyl Acetate
Concen: 1.074 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.072 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:	43	Resp:	27574
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#

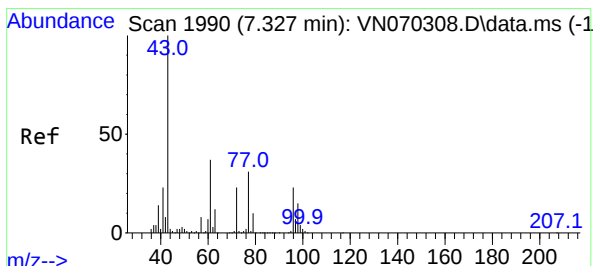
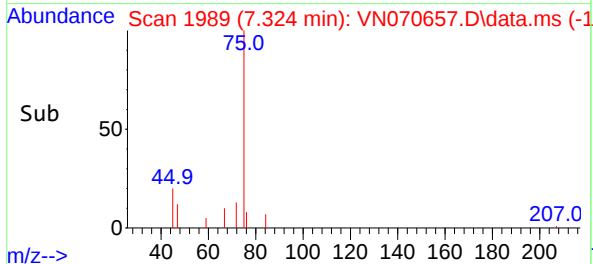
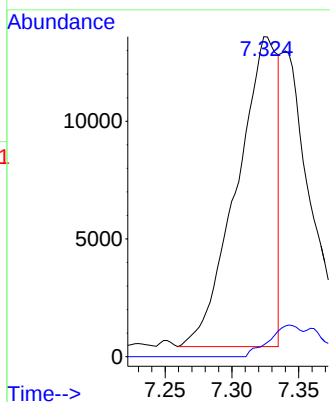
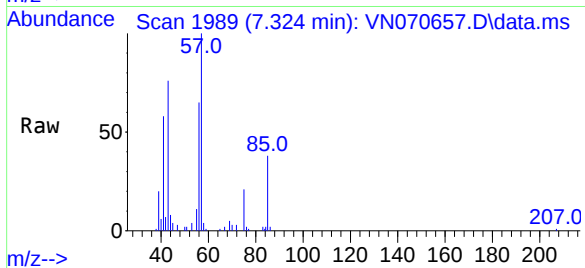




#25
2-Butanone
Concen: 3.216 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.011 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

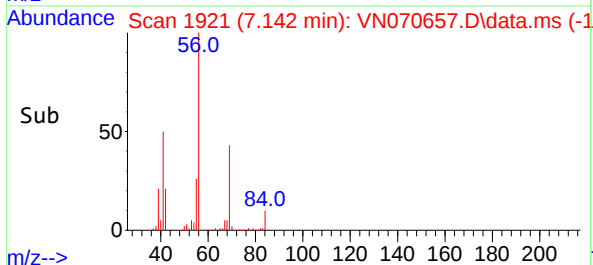
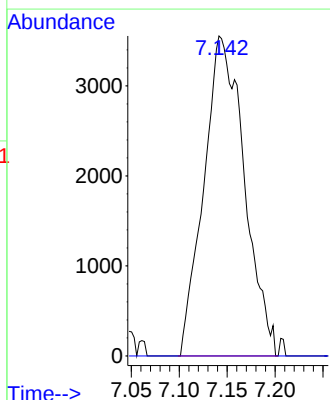
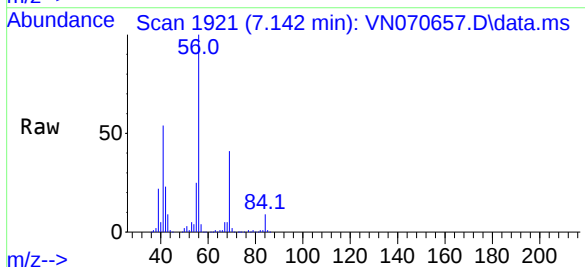
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

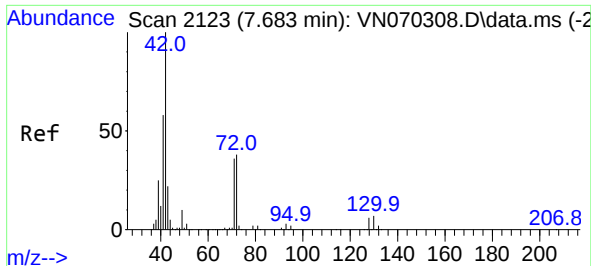
Tgt Ion: 43 Resp: 27804
Ion Ratio Lower Upper
43 100
72 3.8 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.771 ug/l
RT: 7.142 min Scan# 1921
Delta R.T. -0.185 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 77 Resp: 10434
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

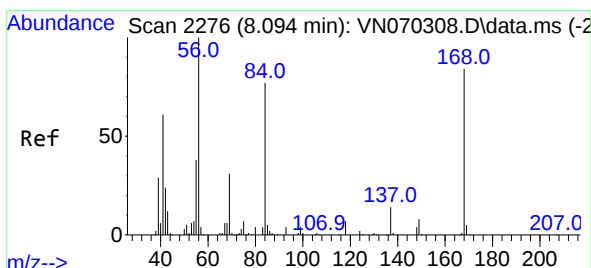
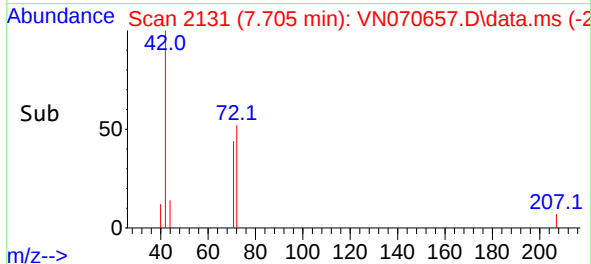
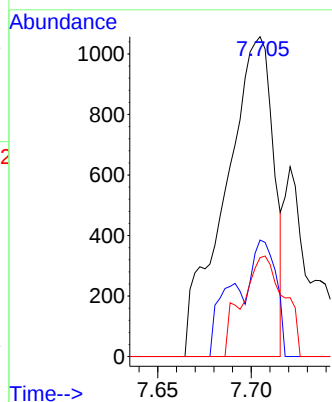
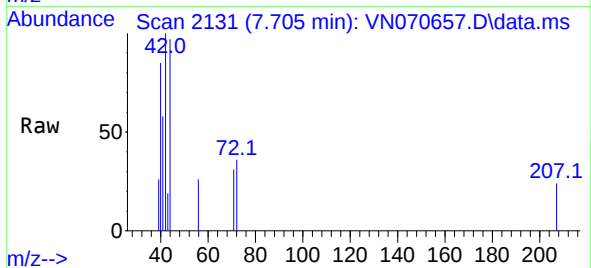




#29
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 7.705 min Scan# 2123
Delta R.T. 0.022 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

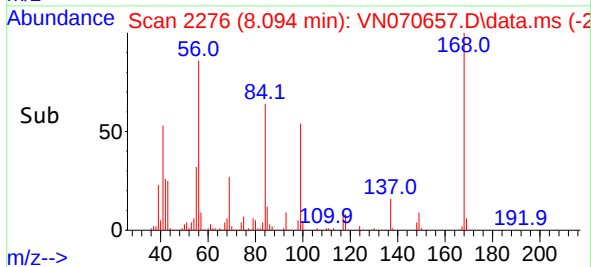
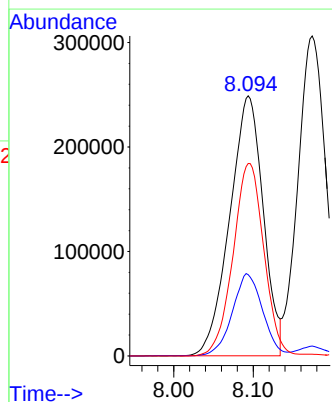
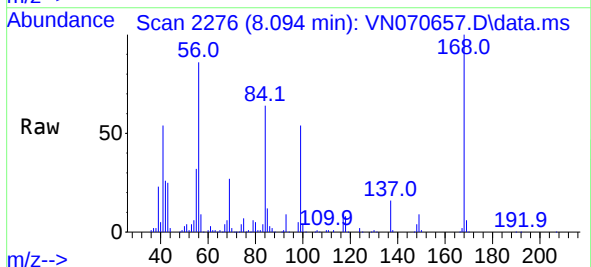
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

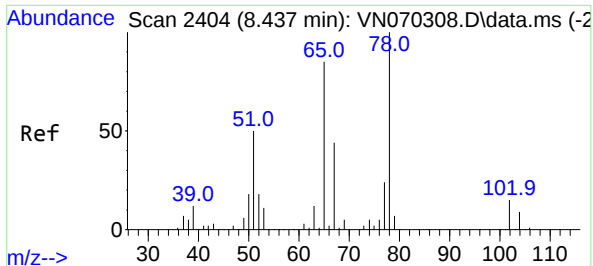
Tgt Ion:	42	Resp:	1900
Ion	Ratio	Lower	Upper
42	100		
72	18.4	36.3	54.5#
71	0.0	34.7	52.1#



#31
Cyclohexane
Concen: 43.603 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:	56	Resp:	727682
Ion	Ratio	Lower	Upper
56	100		
69	31.1	27.1	40.7
84	74.0	73.4	110.0





#33

1,2-Dichloroethane-d4

Concen: 58.413 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

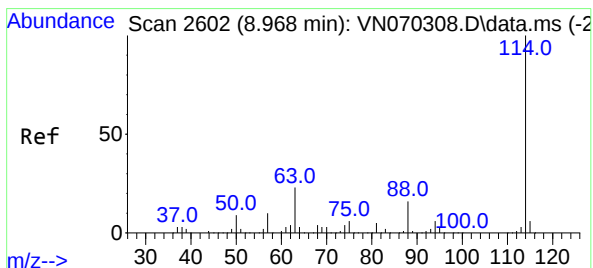
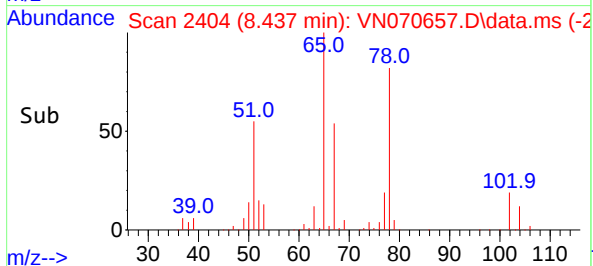
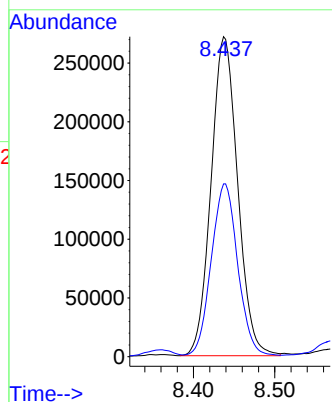
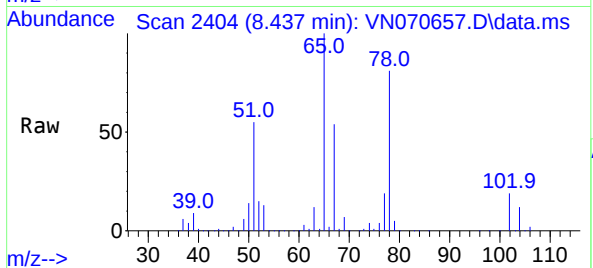
MW-33RE

Tgt Ion: 65 Resp: 617760

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

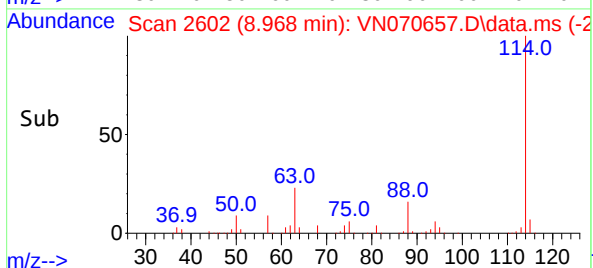
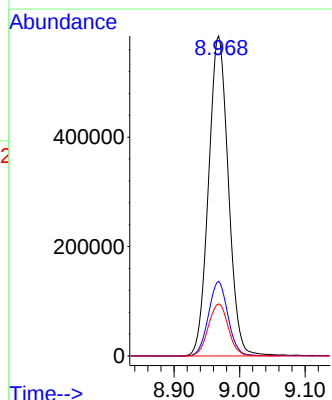
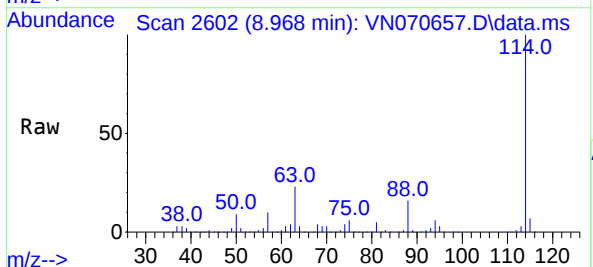
Tgt Ion: 114 Resp: 1226768

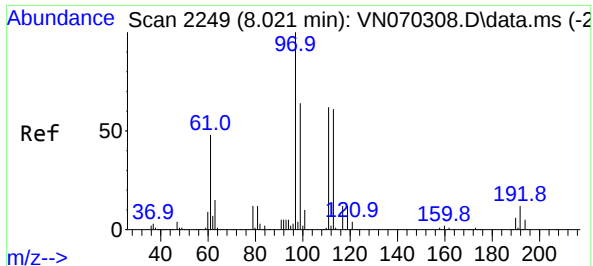
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.3 0.0 27.4

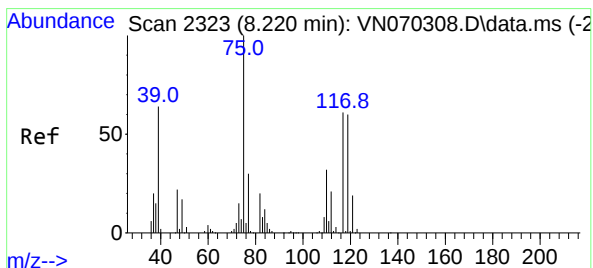
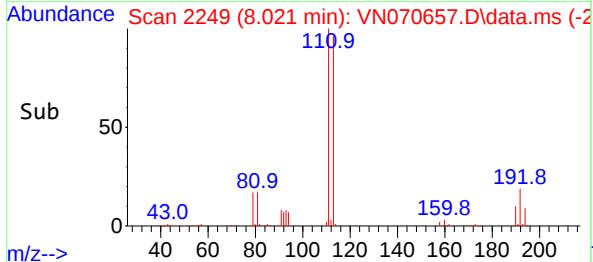
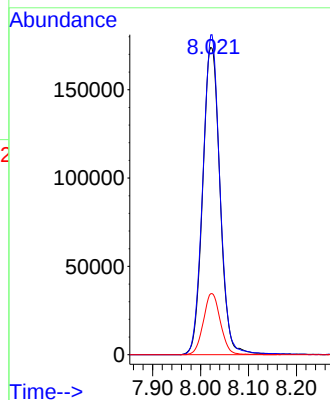
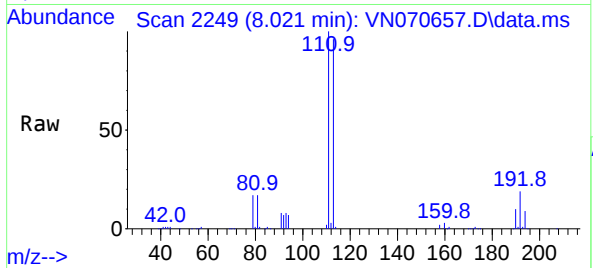




#35
Dibromofluoromethane
Concen: 59.089 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

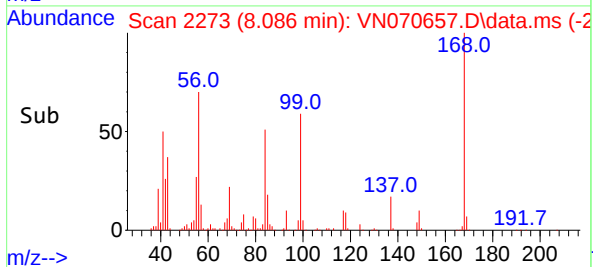
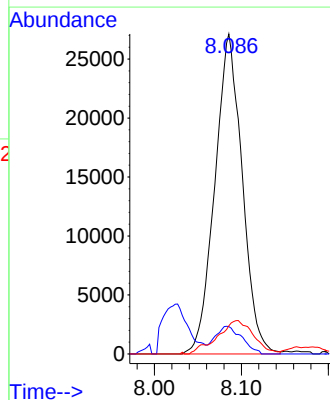
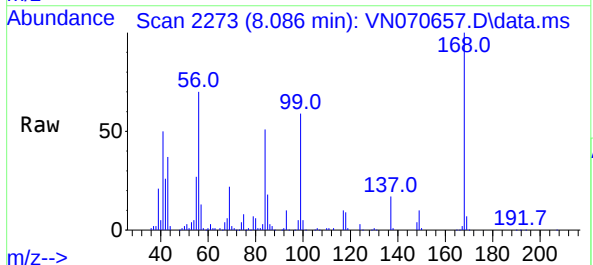
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

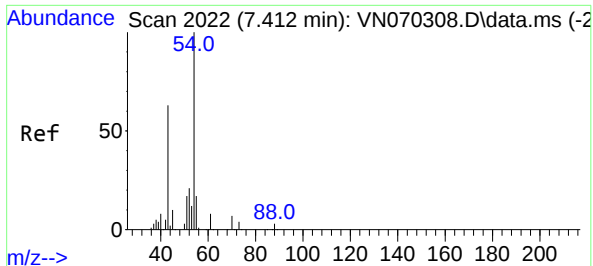
Tgt Ion:113 Resp: 438591
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 75 Resp: 59343
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#

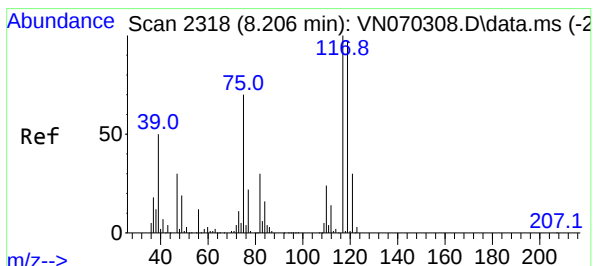
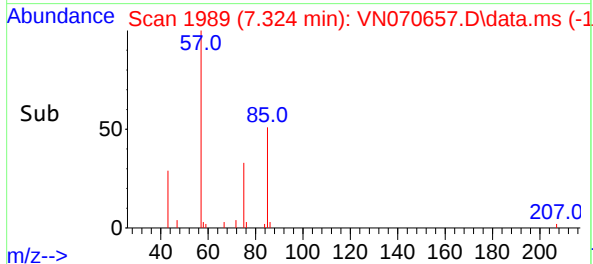
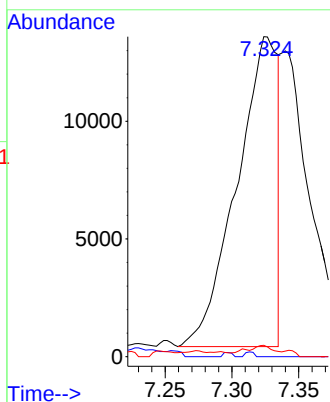
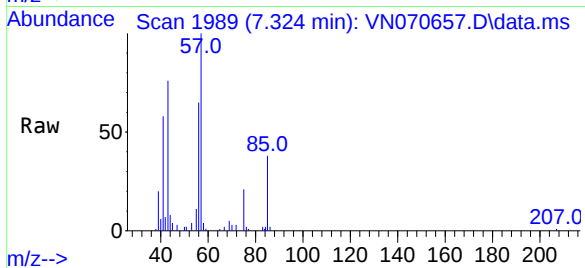




#37
Ethyl Acetate
Concen: 1.747 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.088 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

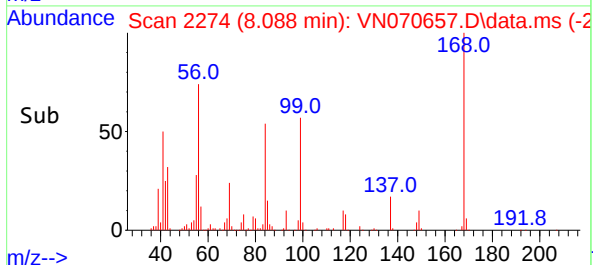
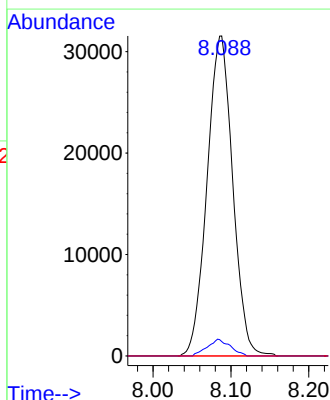
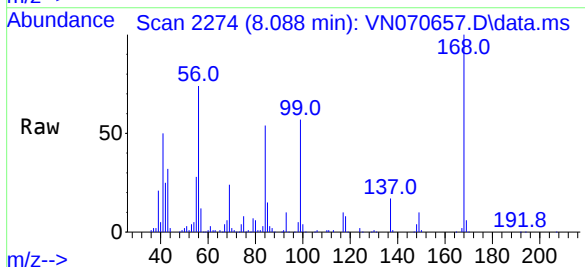
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

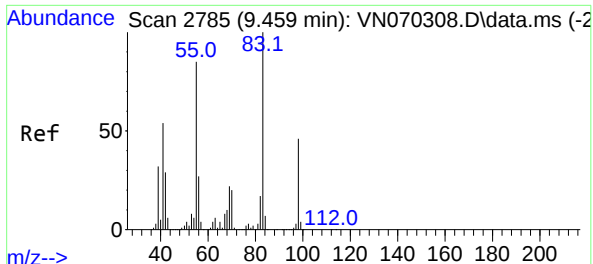
Tgt Ion: 43 Resp: 27804
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 117 Resp: 72098
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 65.971 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

MW-33RE

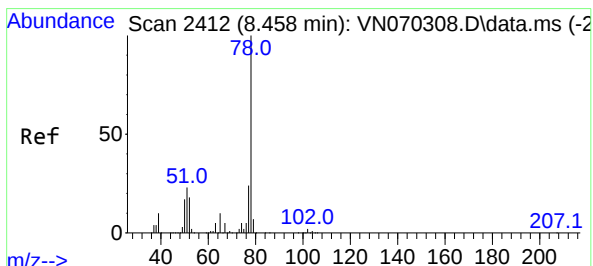
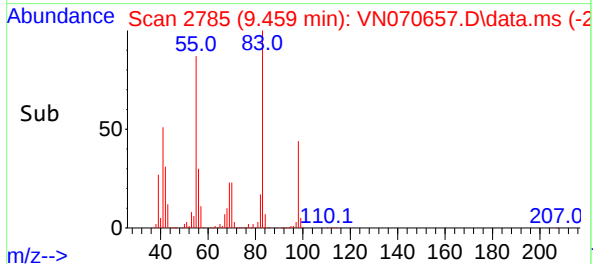
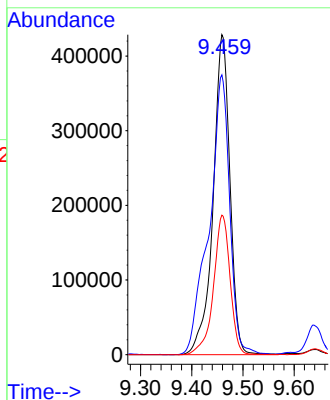
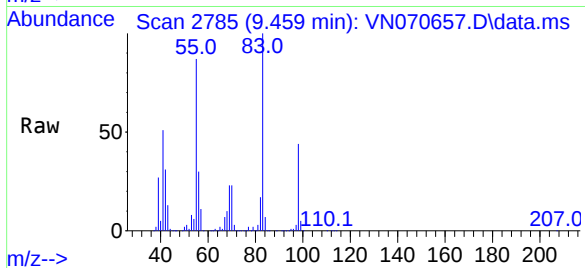
Tgt Ion: 83 Resp: 980684

Ion Ratio Lower Upper

83 100

55 87.4 58.1 87.1#

98 43.6 38.4 57.6



#40

Benzene

Concen: 45.599 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.003 min

Lab File: VN070657.D

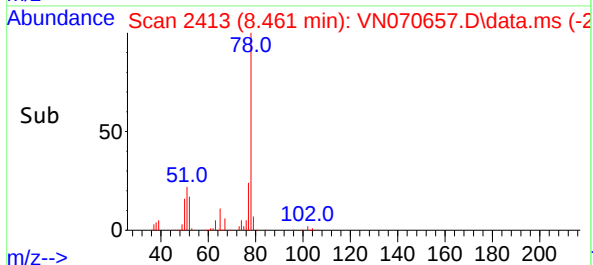
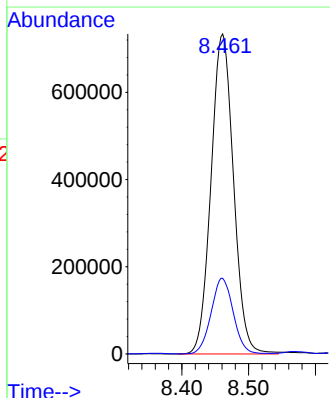
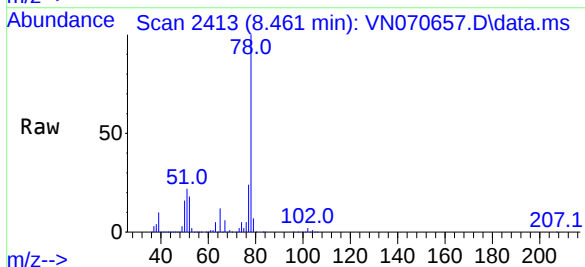
Acq: 17 Jan 2022 20:18

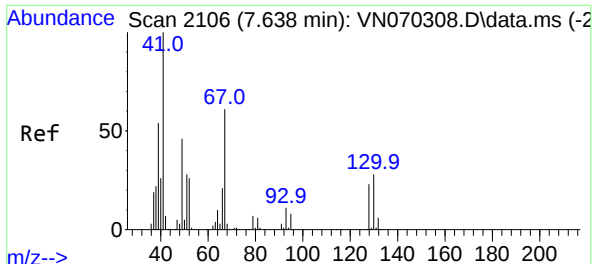
Tgt Ion: 78 Resp: 1716557

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

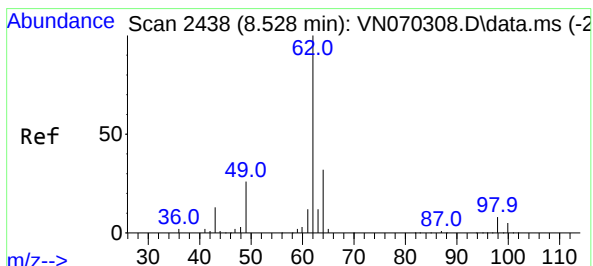
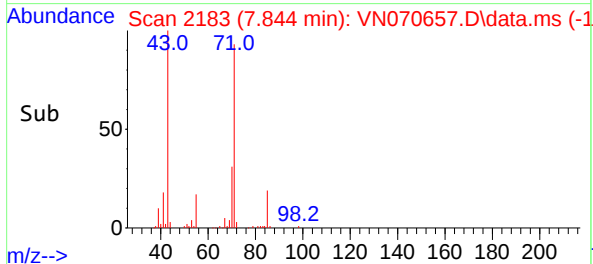
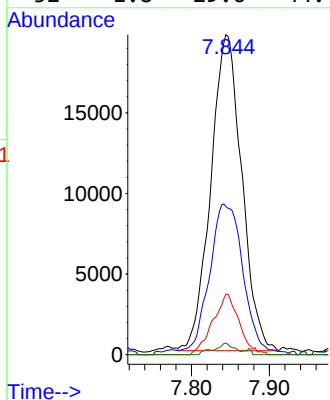
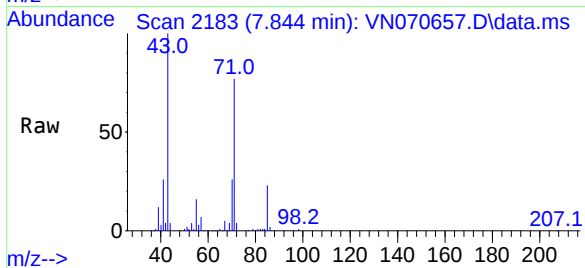




#41
Methacrylonitrile
Concen: 6.801 ug/l
RT: 7.844 min Scan# 2106
Delta R.T. 0.206 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

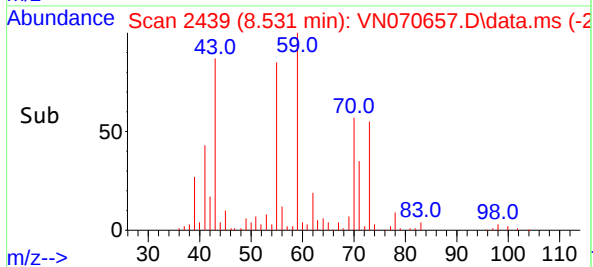
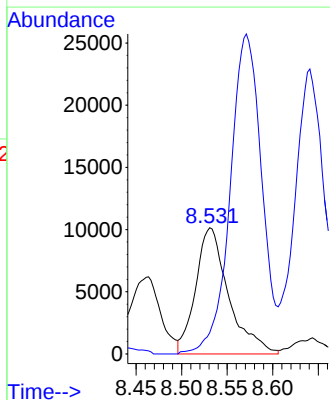
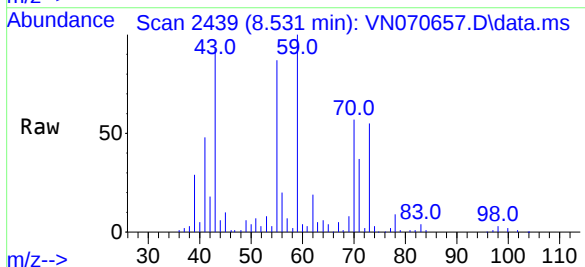
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

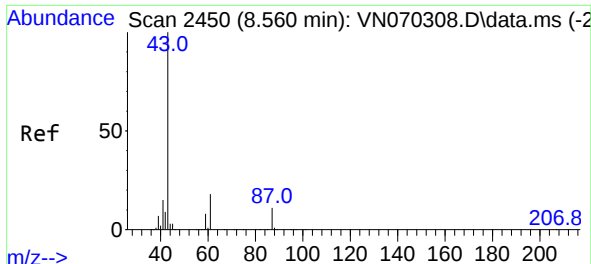
Tgt Ion:	41	Resp:	54138
Ion	Ratio	Lower	Upper
41	100		
39	52.2	48.1	72.1
67	16.2	68.3	102.5#
52	1.8	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 1.807 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:	62	Resp:	25572
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

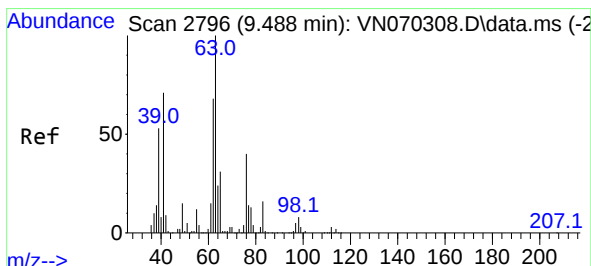
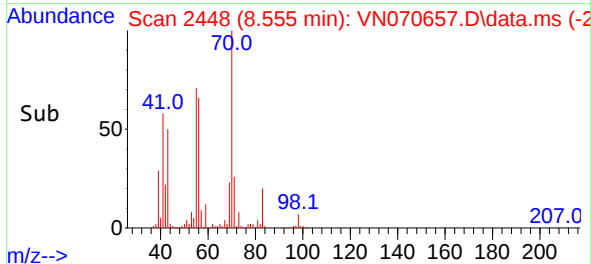
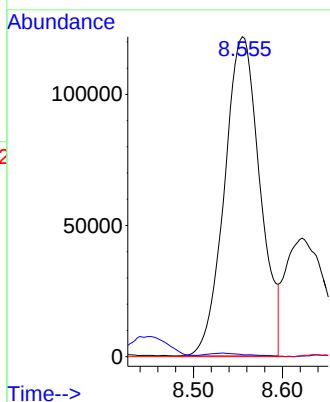
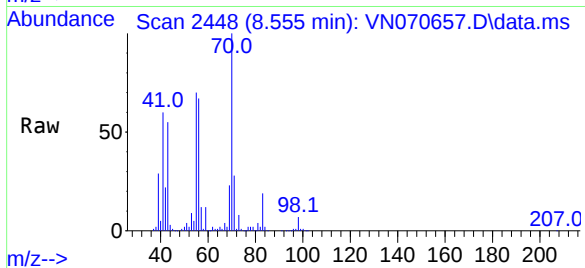




#43
Isopropyl Acetate
Concen: 13.435 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.005 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

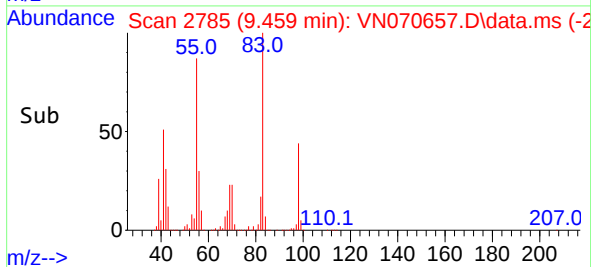
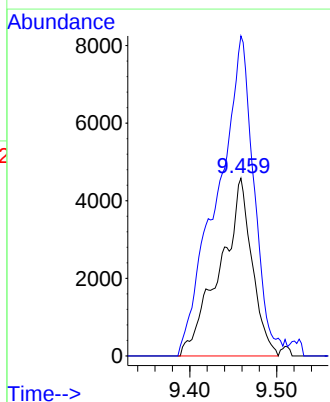
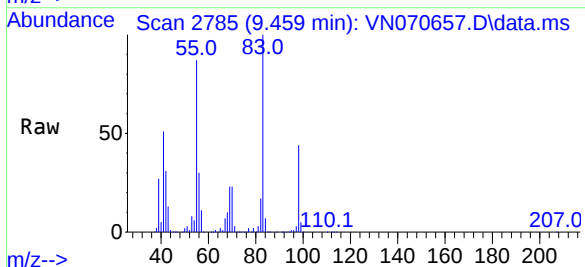
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

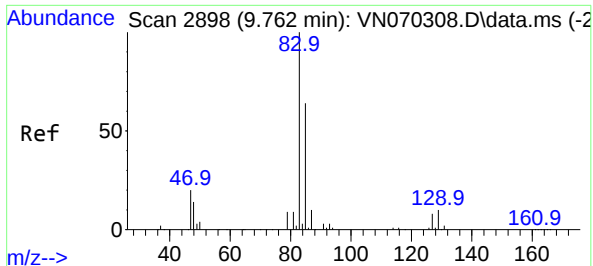
Tgt Ion: 43 Resp: 337126
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.165 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 63 Resp: 11812
Ion Ratio Lower Upper
63 100
65 180.0 24.7 37.1#

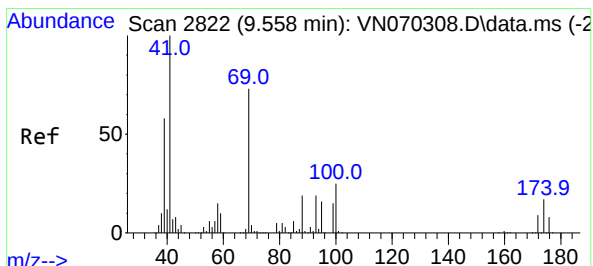
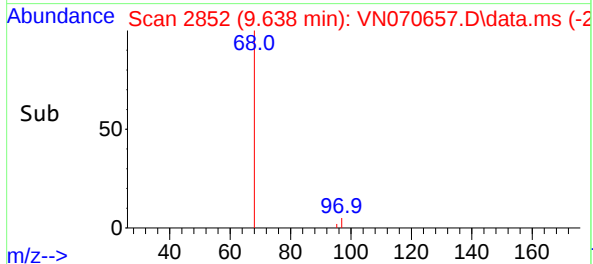
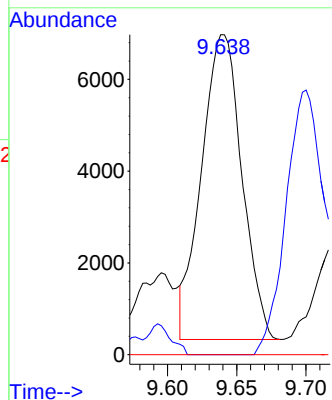
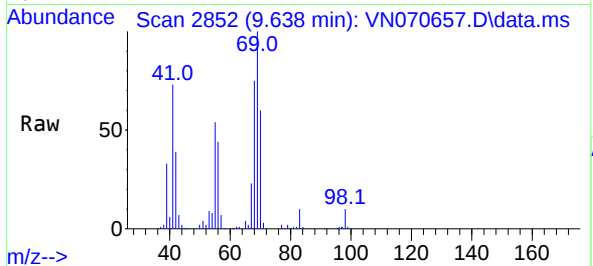




#47
Bromodichloromethane
Concen: 1.077 ug/l
RT: 9.638 min Scan# 2852
Delta R.T. -0.124 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

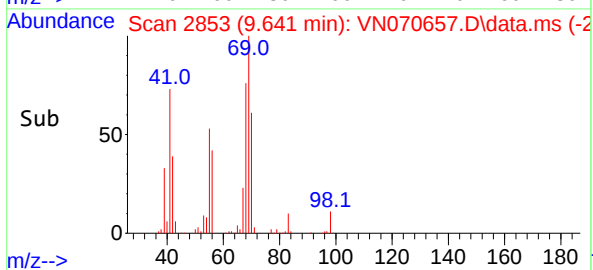
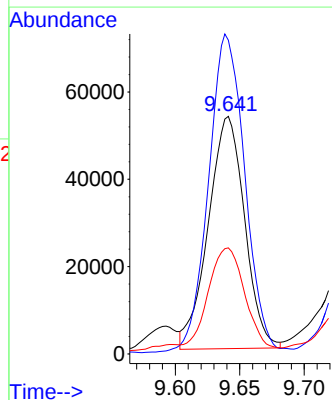
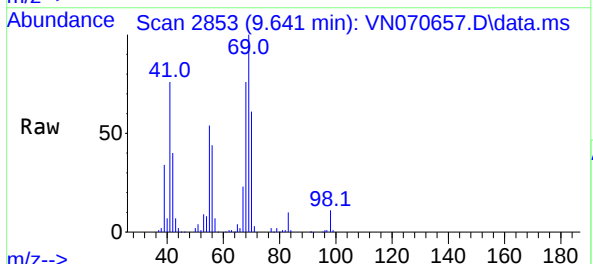
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

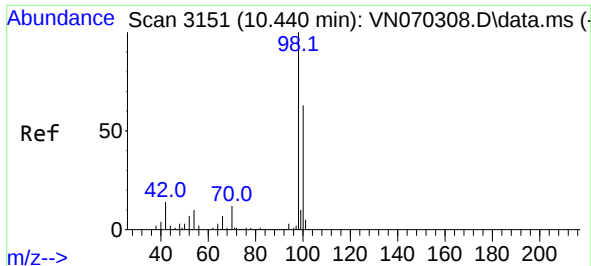
Tgt Ion: 83 Resp: 13472
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 8.723 ug/l
RT: 9.641 min Scan# 2853
Delta R.T. 0.083 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 41 Resp: 104405
Ion Ratio Lower Upper
41 100
69 137.7 72.4 108.6#
39 42.3 58.4 87.6#

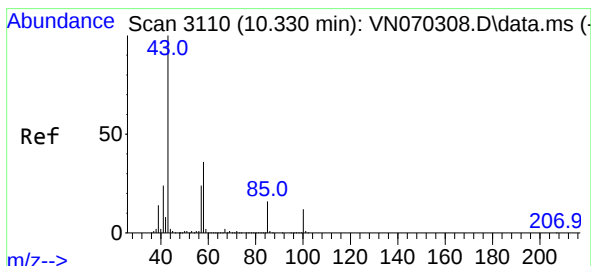
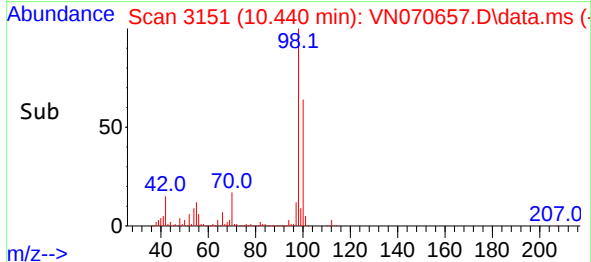
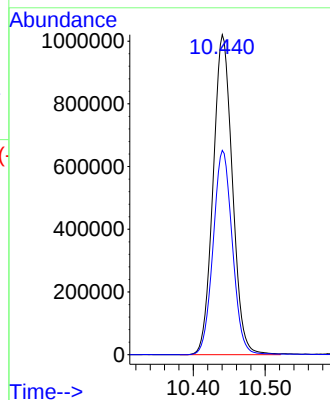
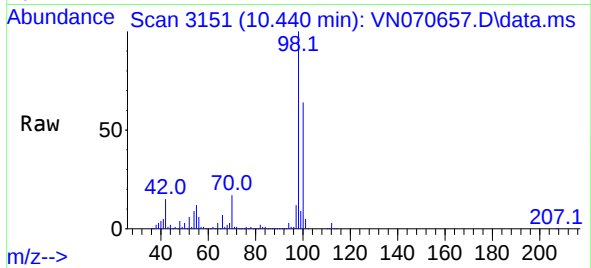




#50
Toluene-d8
Concen: 62.548 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

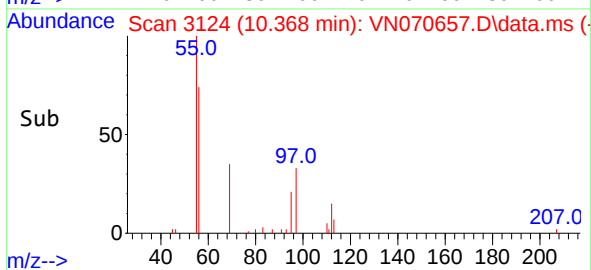
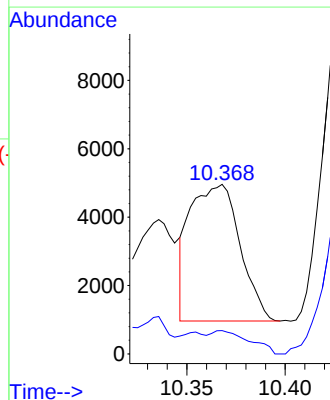
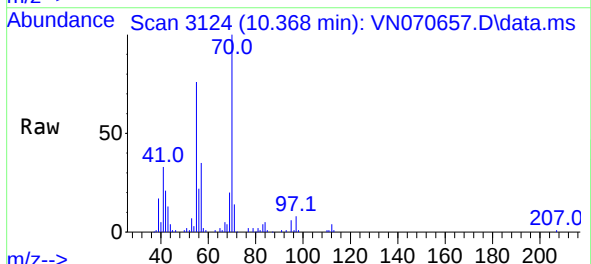
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

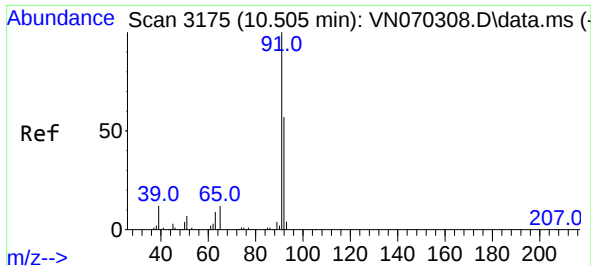
Tgt Ion: 98 Resp: 1896589
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.038 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 43 Resp: 7017
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

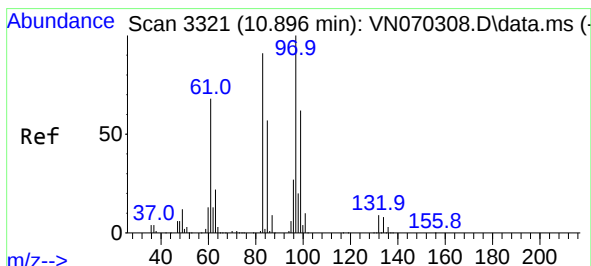
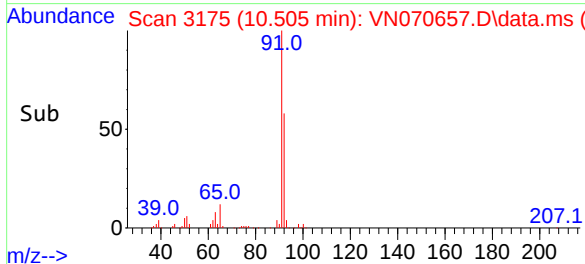
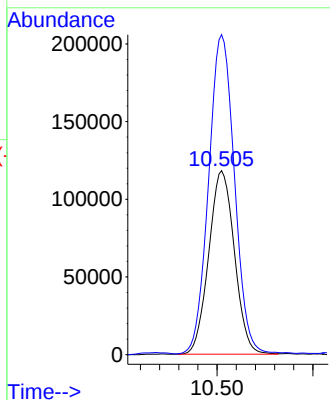
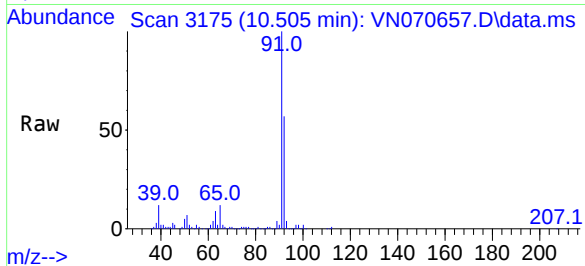




#52
Toluene
Concen: 9.633 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

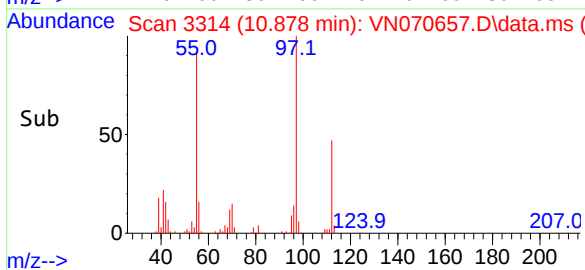
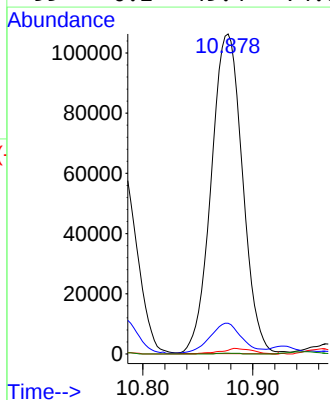
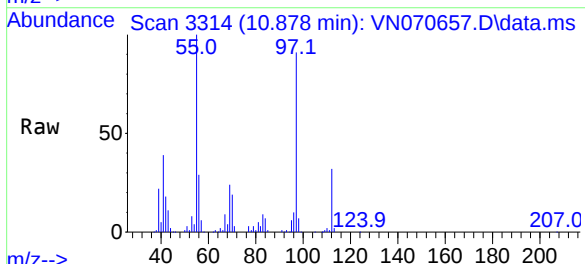
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

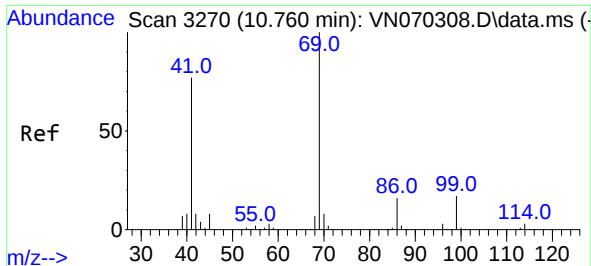
Tgt Ion: 92 Resp: 219503
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 23.246 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.019 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 97 Resp: 209573
Ion Ratio Lower Upper
97 100
83 9.4 67.8 101.6#
85 1.2 45.4 68.2#
99 0.2 49.4 74.0#

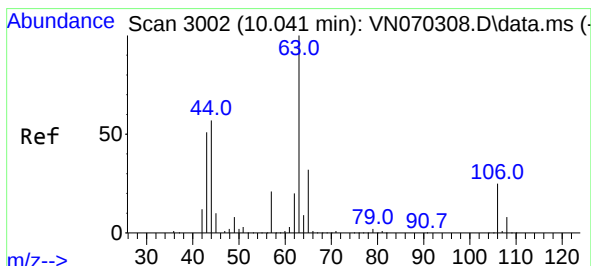
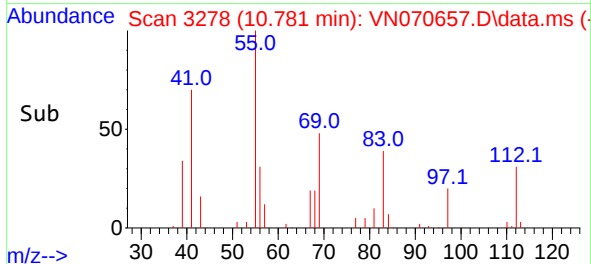
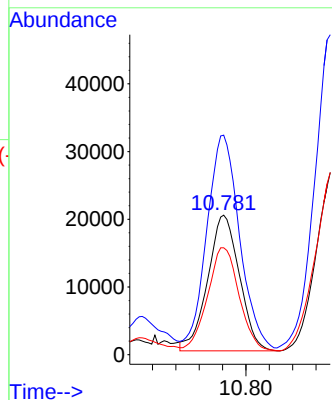
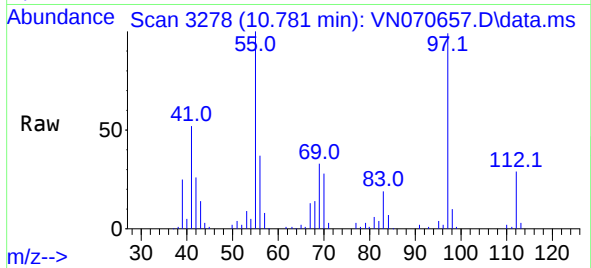




#56
Ethyl methacrylate
Concen: 2.539 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

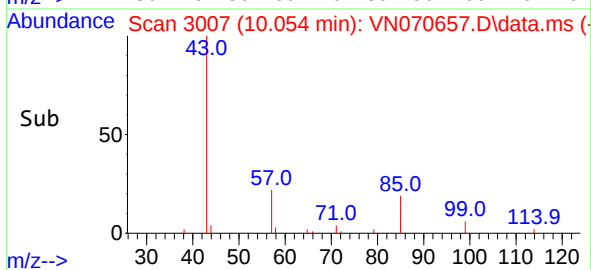
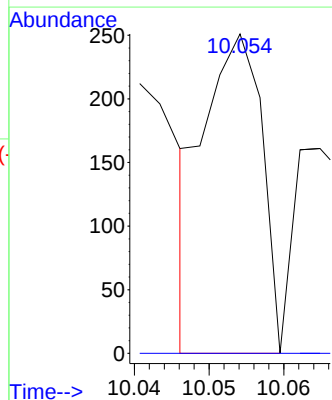
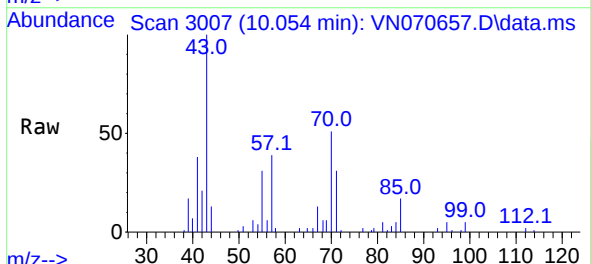
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

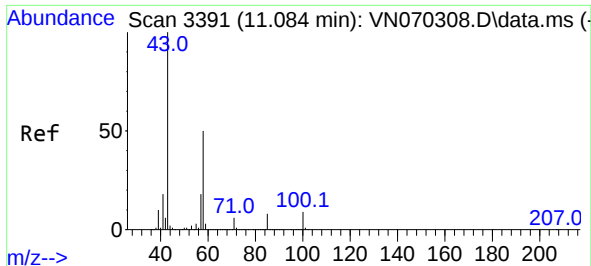
Tgt Ion: 69 Resp: 37820
Ion Ratio Lower Upper
69 100
41 159.9 51.4 77.0#
39 75.5 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.546 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.013 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 63 Resp: 134
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

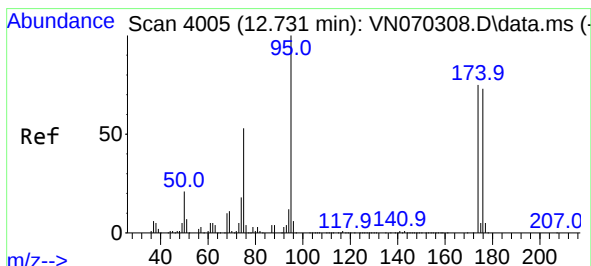
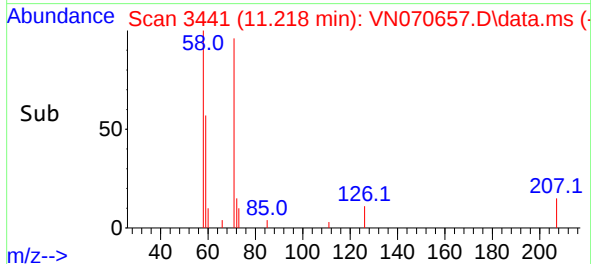
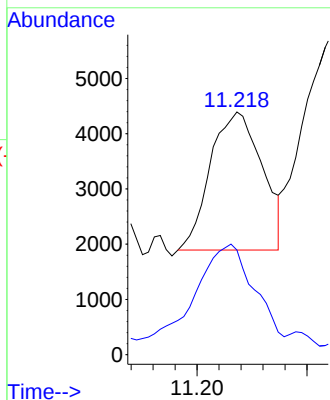
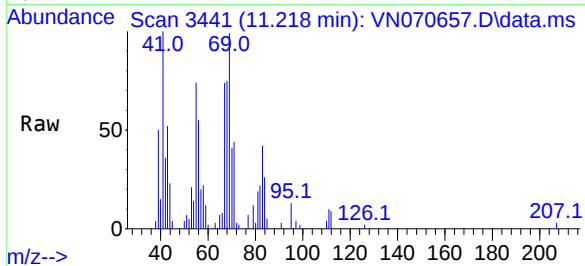




#59
2-Hexanone
Concen: 0.356 ug/l
RT: 11.218 min Scan# 34
Delta R.T. 0.134 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

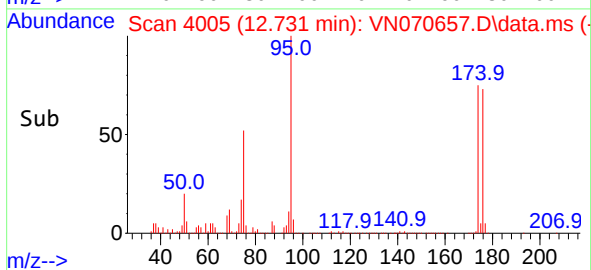
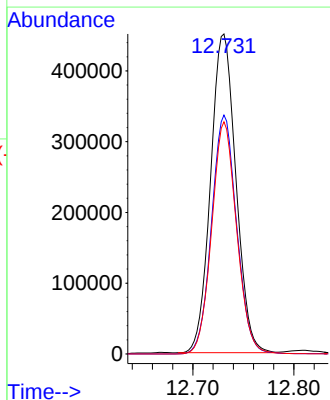
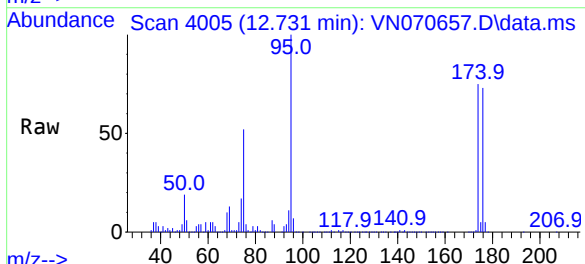
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

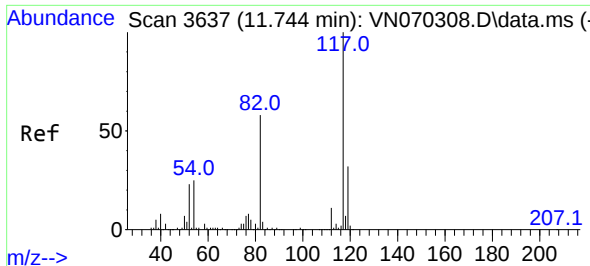
Tgt Ion: 43 Resp: 4098
Ion Ratio Lower Upper
43 100
58 75.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 71.551 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

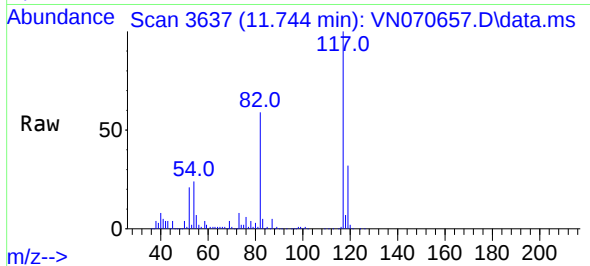
Tgt Ion: 95 Resp: 783597
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





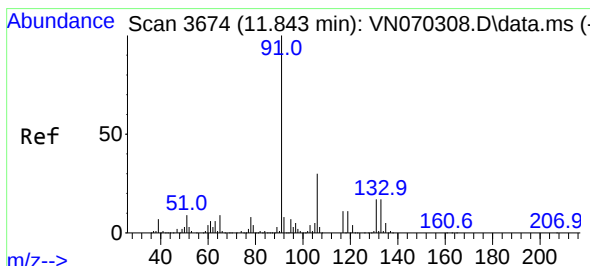
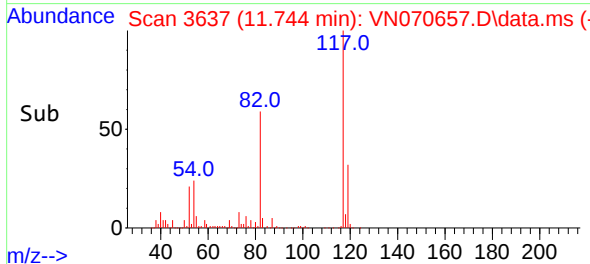
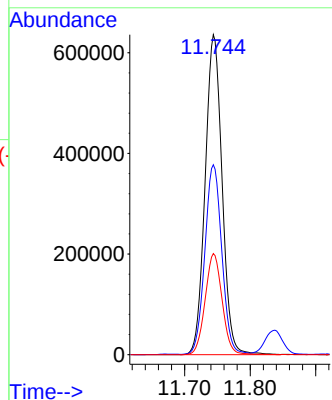
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



Tgt Ion:117 Resp: 1141956

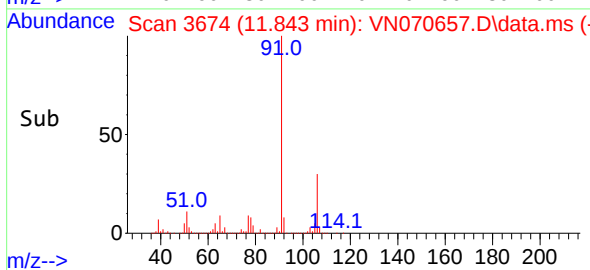
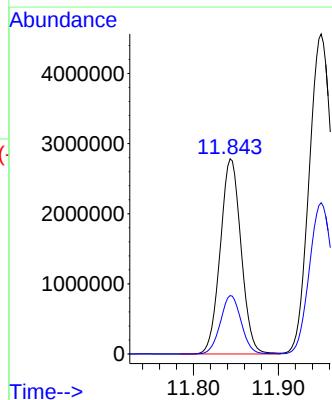
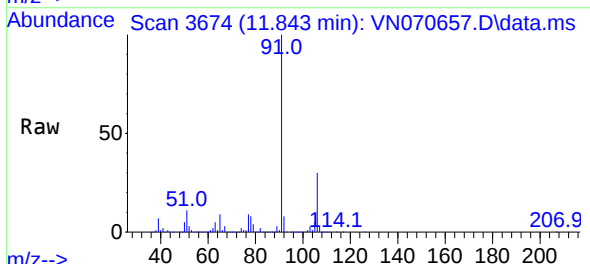
Ion	Ratio	Lower	Upper
117	100		
82	59.2	42.4	63.6
119	31.6	25.4	38.2

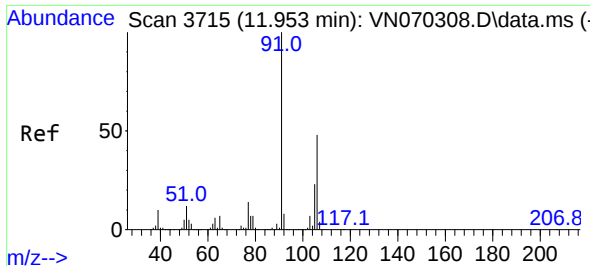


#67
Ethyl Benzene
Concen: 106.640 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 91 Resp: 4734248

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.7	38.5

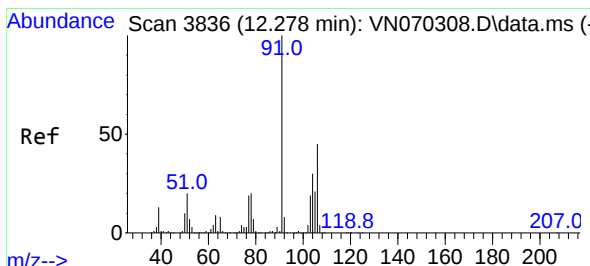
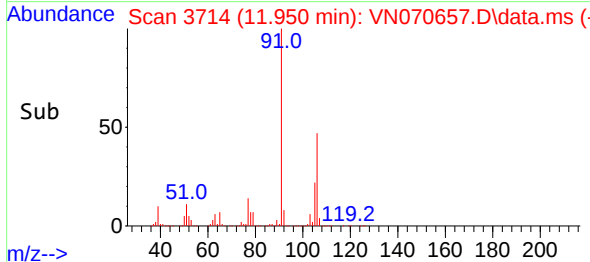
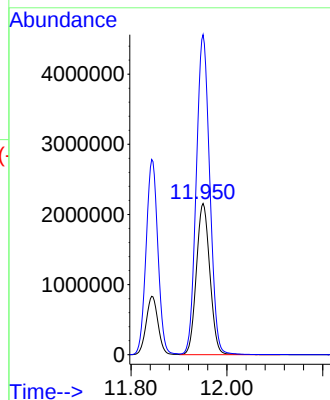
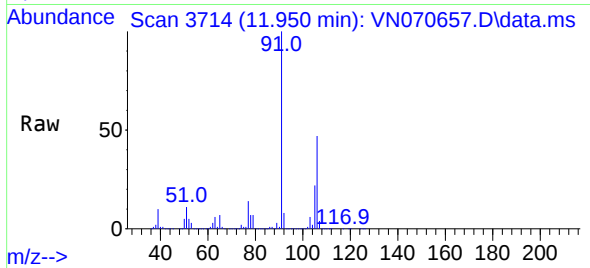




#68
m/p-Xylenes
Concen: 261.148 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

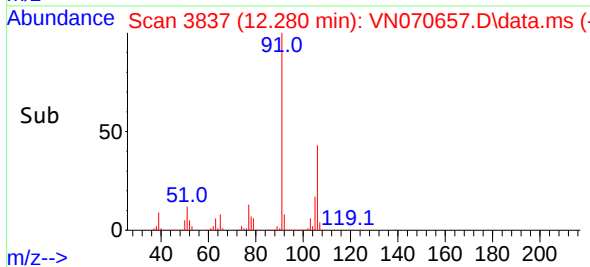
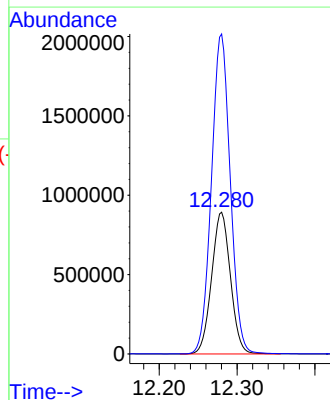
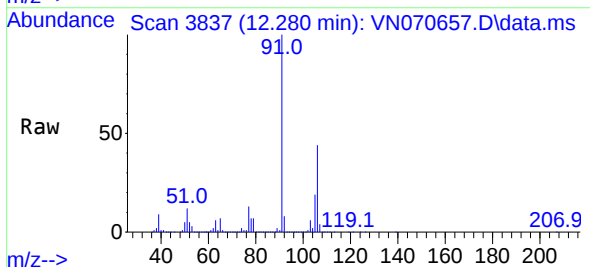
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

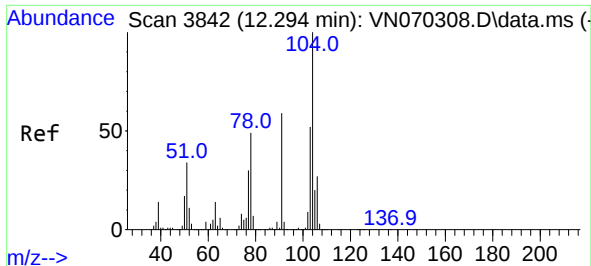
Tgt Ion:106 Resp: 4220113
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8



#69
o-Xylene
Concen: 93.058 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:106 Resp: 1495773
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3

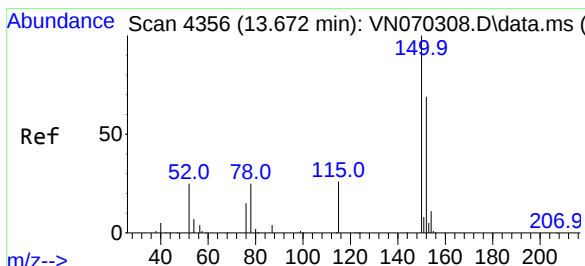
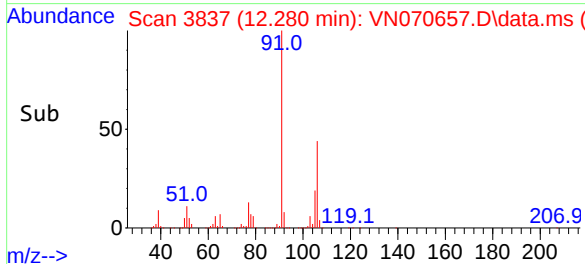
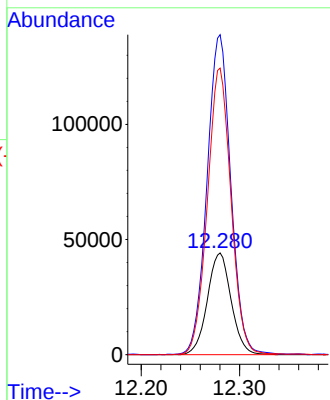
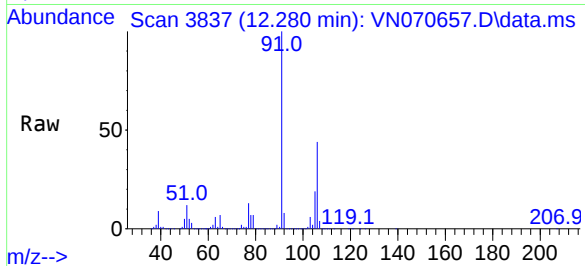




#70
Styrene
Concen: 2.921 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

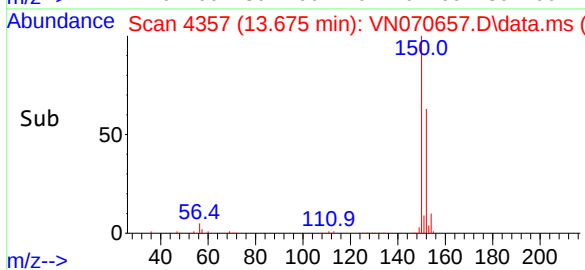
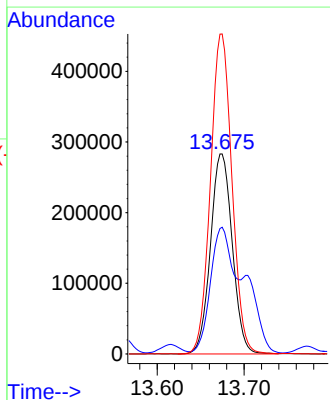
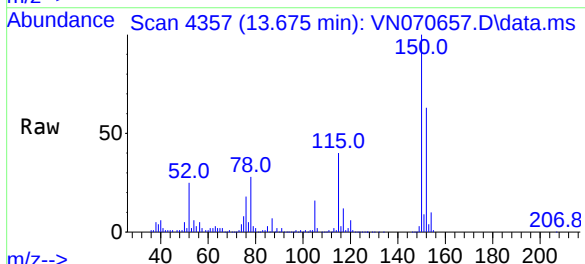
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

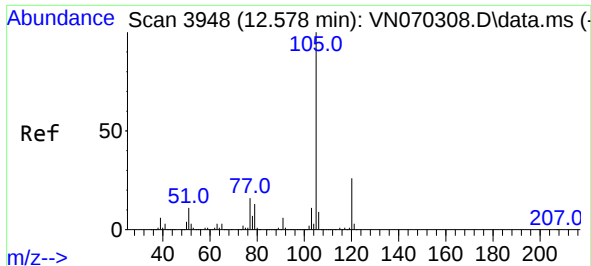
Tgt Ion:104 Resp: 74308
Ion Ratio Lower Upper
104 100
78 314.6 38.7 58.1#
103 279.6 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:152 Resp: 493414
Ion Ratio Lower Upper
152 100
115 68.2 27.5 82.5
150 157.6 0.0 344.4

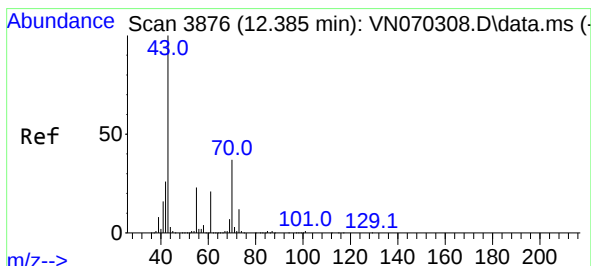
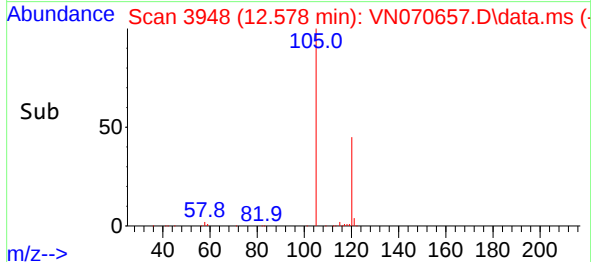
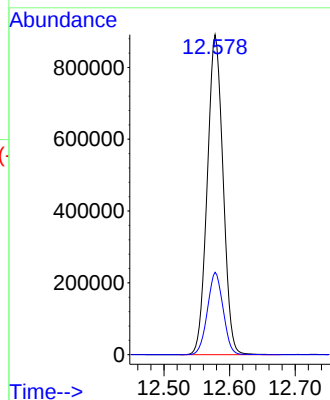
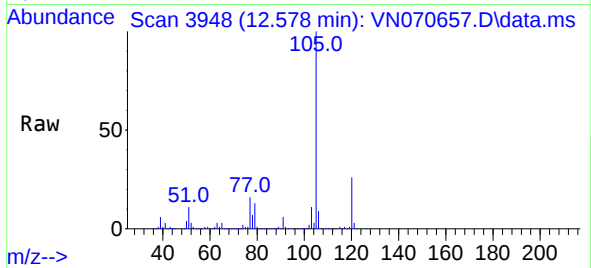




#73
Isopropylbenzene
Concen: 32.441 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

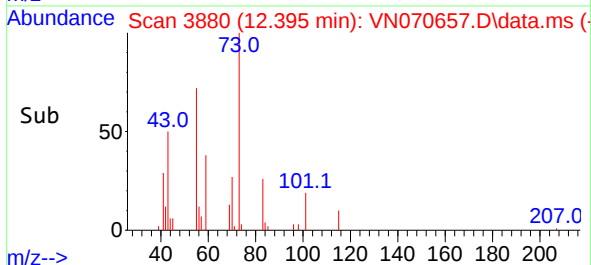
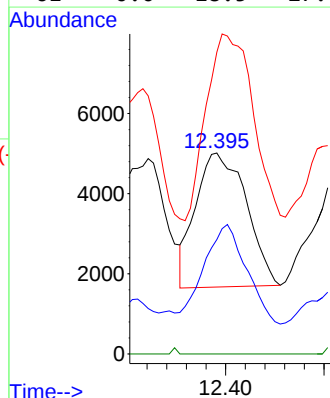
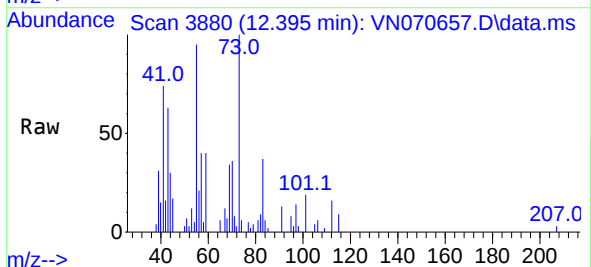
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

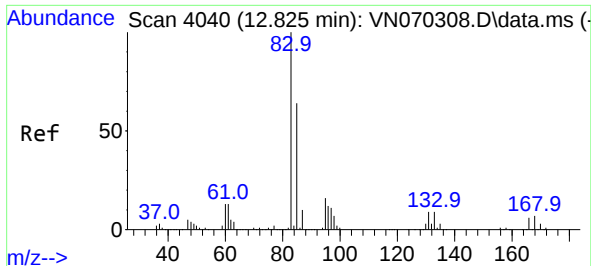
Tgt Ion:105 Resp: 1486489
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 0.310 ug/l
RT: 12.395 min Scan# 3880
Delta R.T. 0.010 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
70 62.3 33.4 50.0#
55 128.6 19.3 28.9#
61 0.0 18.5 27.7#

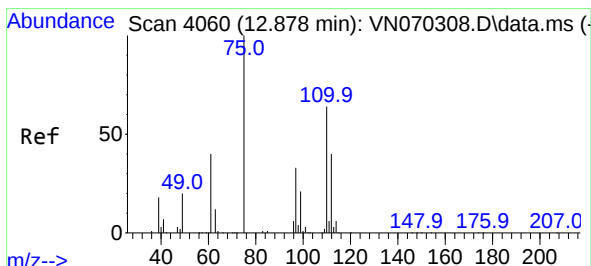
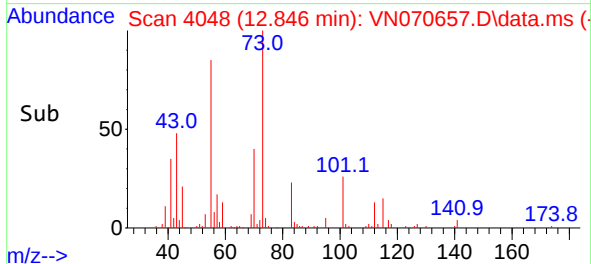
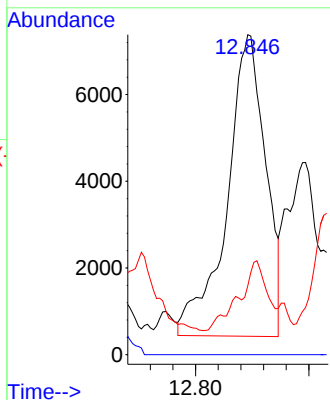
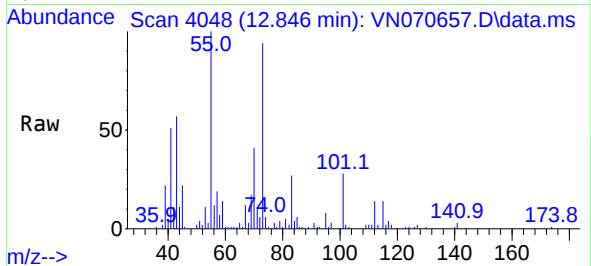




#75
1,1,2,2-Tetrachloroethane
Concen: 1.427 ug/l
RT: 12.846 min Scan# 4048
Delta R.T. 0.021 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

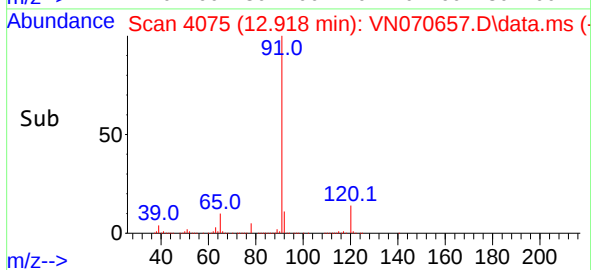
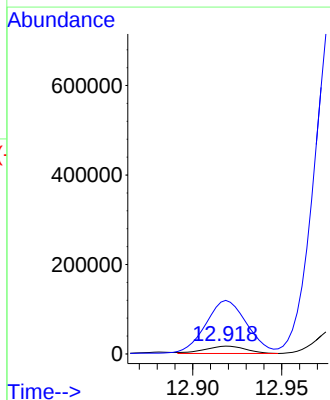
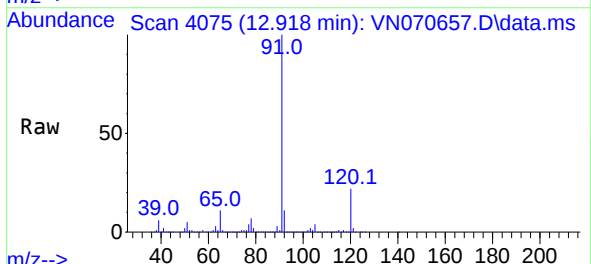
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

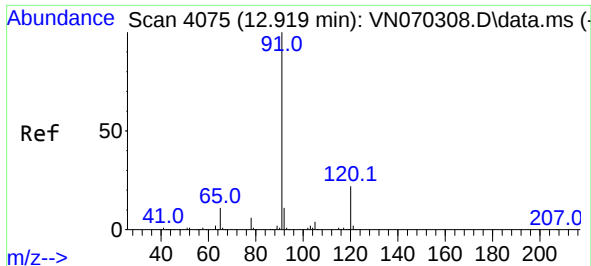
Tgt Ion: 83 Resp: 16434
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 6.3 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 4.410 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. 0.040 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 75 Resp: 25897
Ion Ratio Lower Upper
75 100
77 753.3 82.6 247.8#

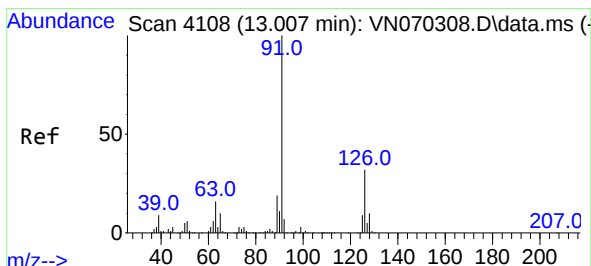
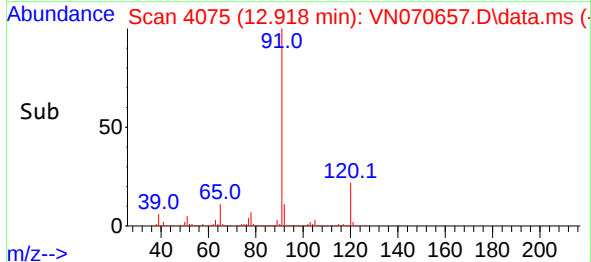
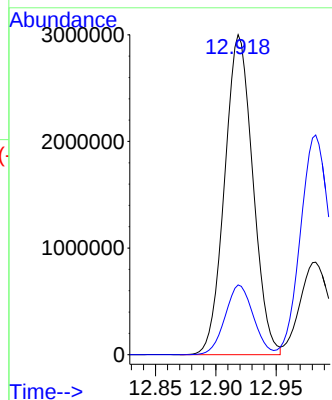
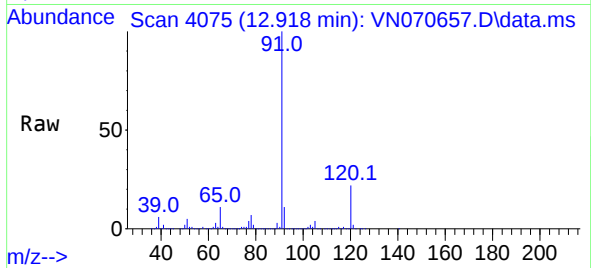




#78
n-propylbenzene
Concen: 96.193 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

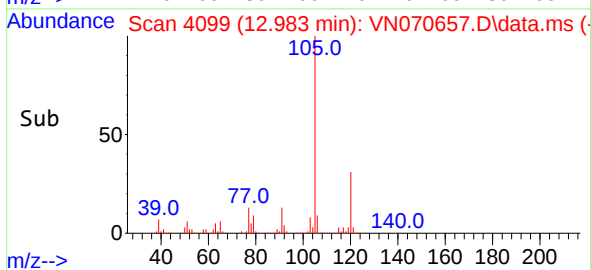
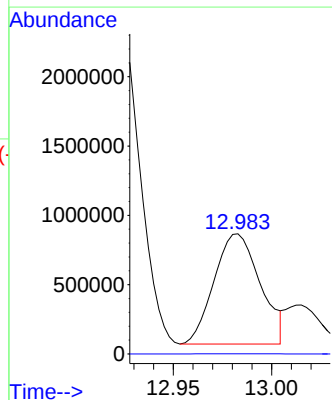
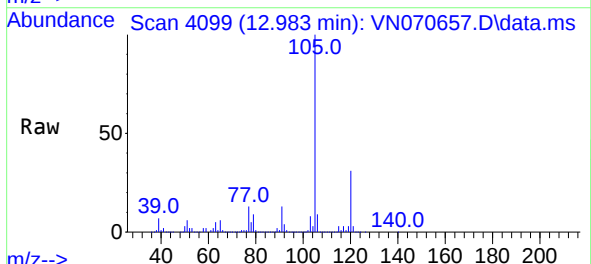
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

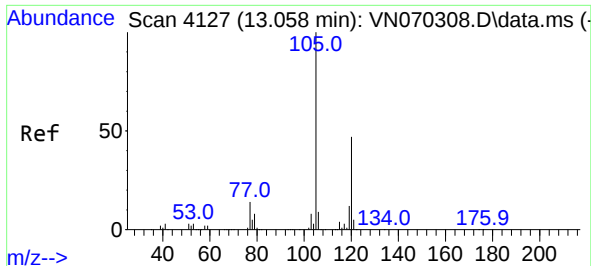
Tgt Ion: 91 Resp: 4883567
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#79
2-Chlorotoluene
Concen: 39.945 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.024 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 91 Resp: 1301203
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#

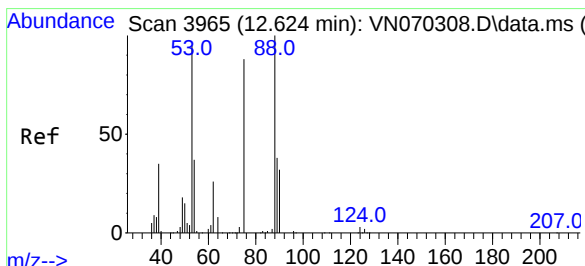
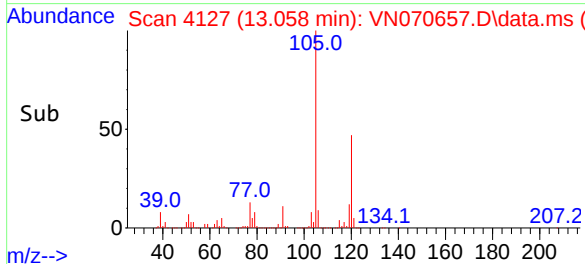
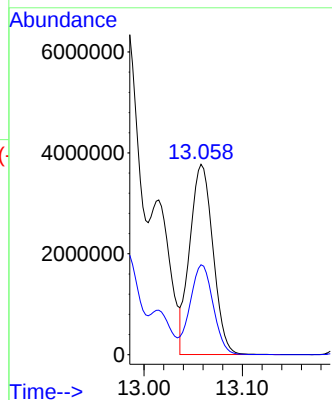
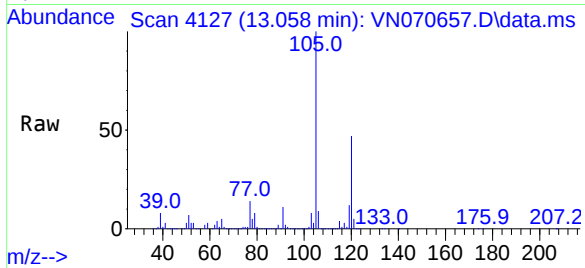




#80
1,3,5-Trimethylbenzene
Concen: 167.531 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

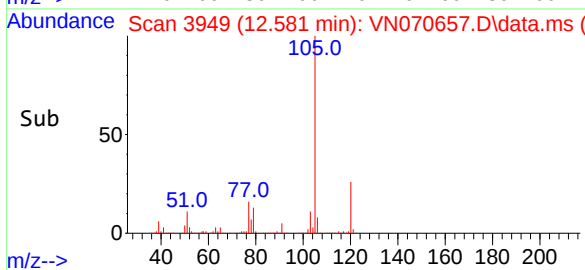
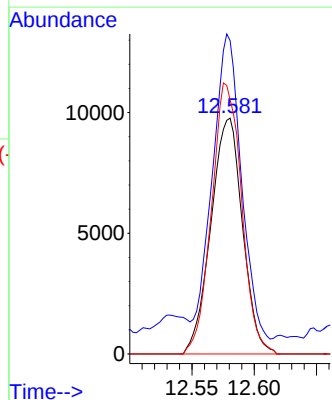
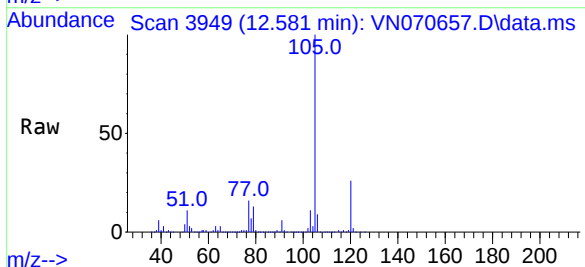
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

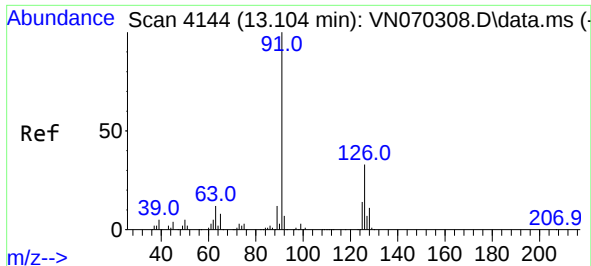
Tgt Ion:105 Resp: 6151493
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 4.264 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.043 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 75 Resp: 17221
Ion Ratio Lower Upper
75 100
53 117.7 90.5 135.7
89 109.3 38.2 57.4#

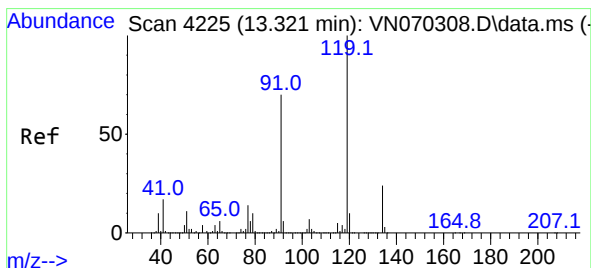
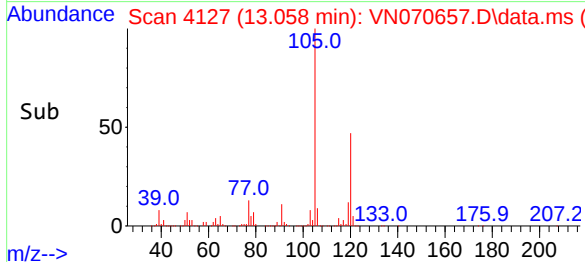
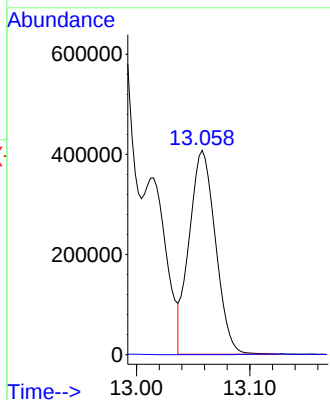
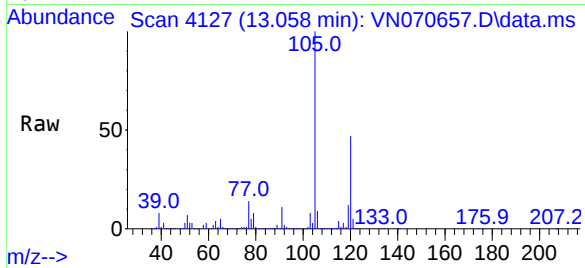




#82
4-Chlorotoluene
Concen: 21.407 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

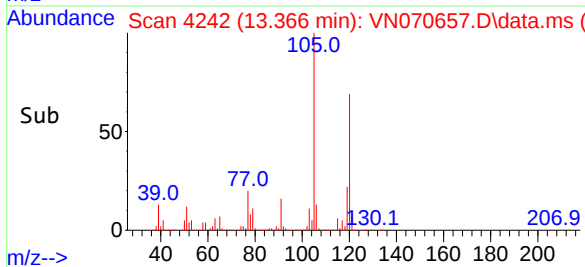
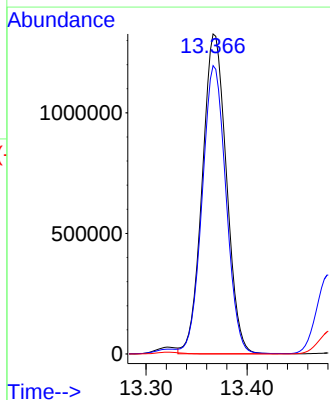
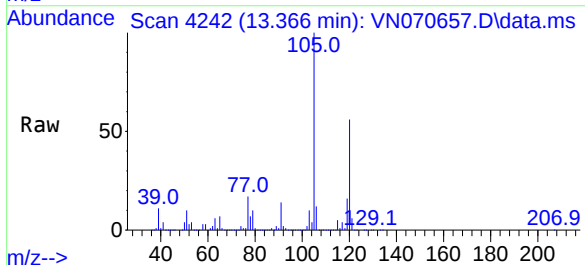
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

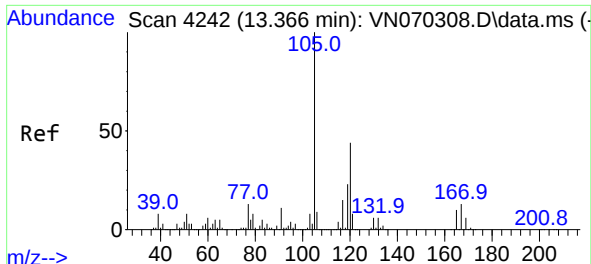
Tgt Ion: 91 Resp: 653197
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 68.118 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.045 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 119 Resp: 2202409
Ion Ratio Lower Upper
119 100
91 89.1 31.5 94.5
134 0.0 12.4 37.4#

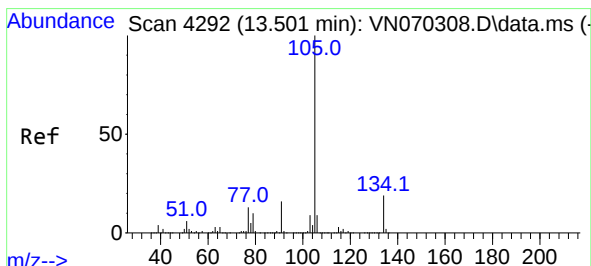
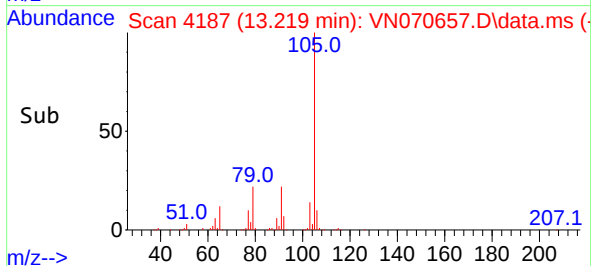
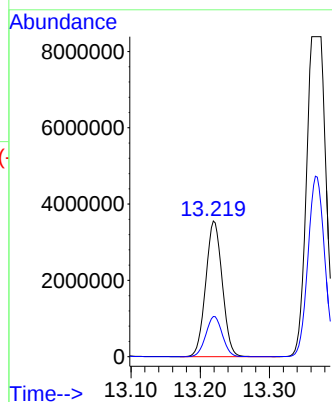
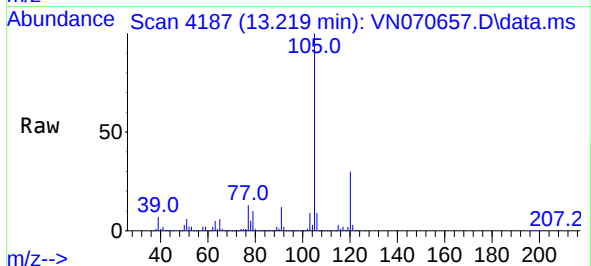




#84
1,2,4-Trimethylbenzene
Concen: 166.357 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. -0.147 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

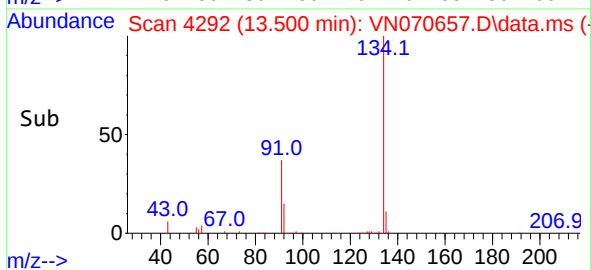
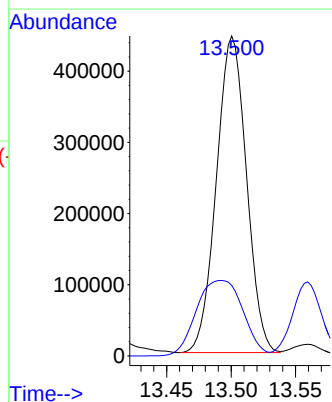
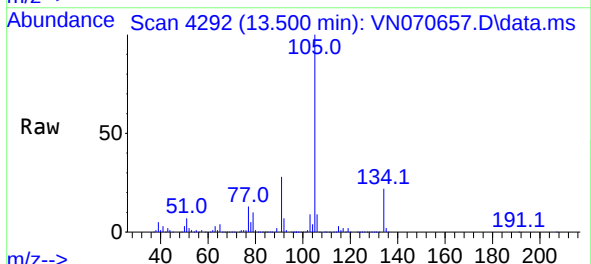
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

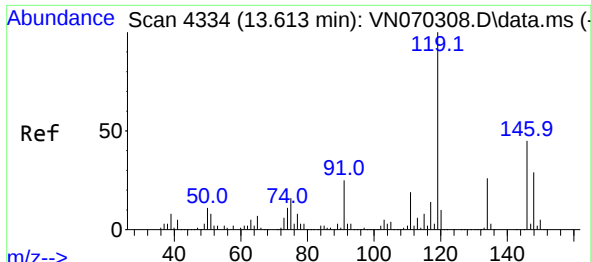
Tgt Ion:105 Resp: 5881963
Ion Ratio Lower Upper
105 100
120 29.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 16.440 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.001 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:105 Resp: 721664
Ion Ratio Lower Upper
105 100
134 37.0 10.4 31.1#

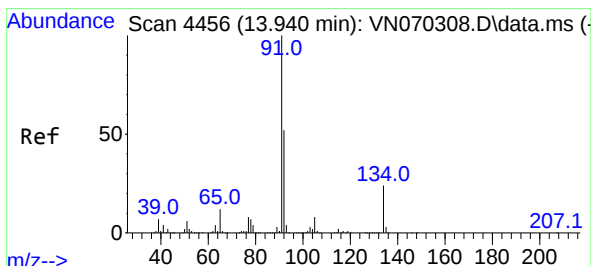
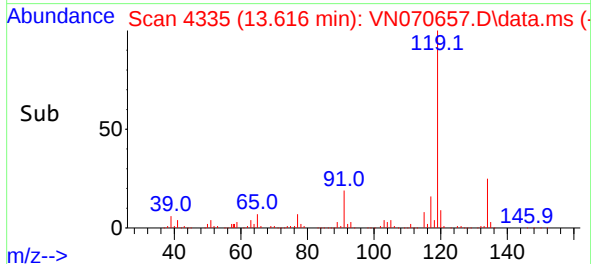
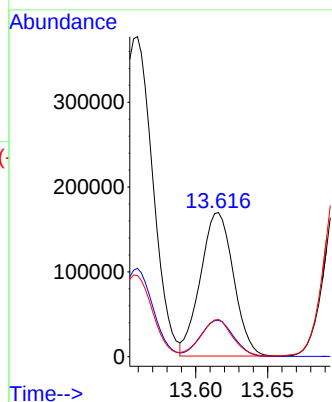
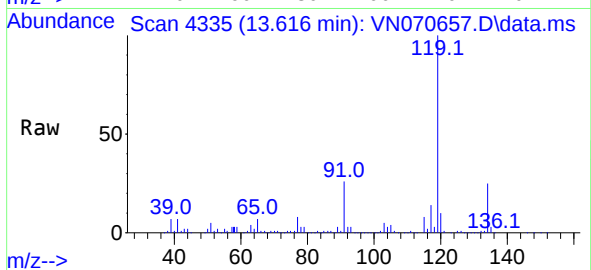




#86
p-Isopropyltoluene
Concen: 7.849 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

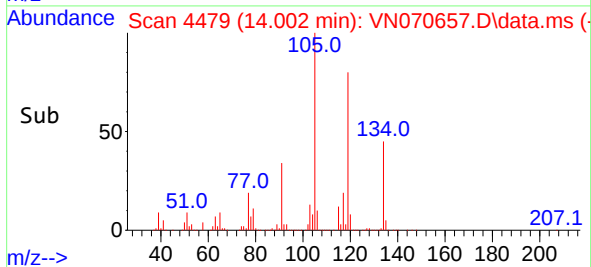
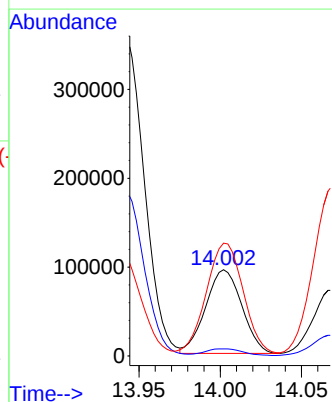
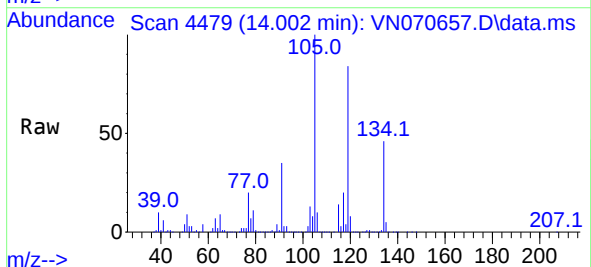
Instrument :
MSVOA_N
ClientSampleId :
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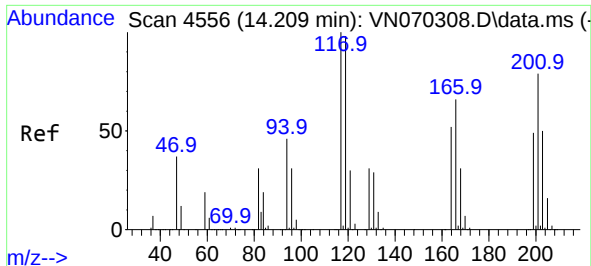
Tgt Ion:119 Resp: 270653
Ion Ratio Lower Upper
119 100
134 25.3 13.6 40.7
91 24.3 11.4 34.1



#89
n-Butylbenzene
Concen: 5.088 ug/l
RT: 14.002 min Scan# 4479
Delta R.T. 0.062 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 91 Resp: 146348
Ion Ratio Lower Upper
91 100
92 8.0 25.4 76.0#
134 131.4 13.6 40.8#

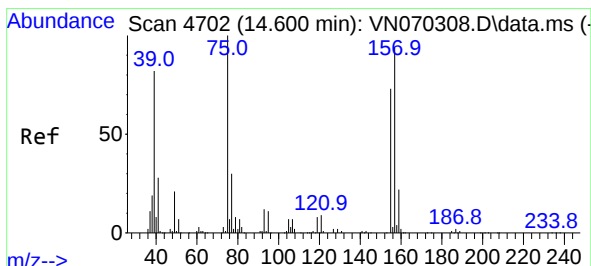
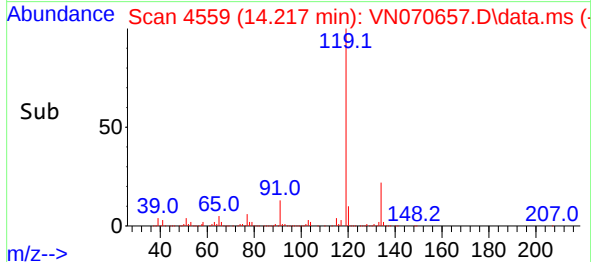
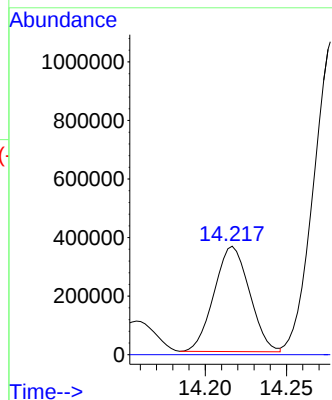
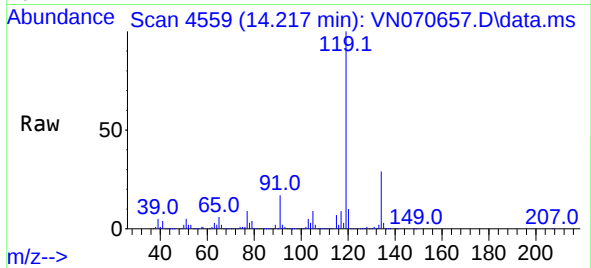




#90
Hexachloroethane
Concen: 91.085 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

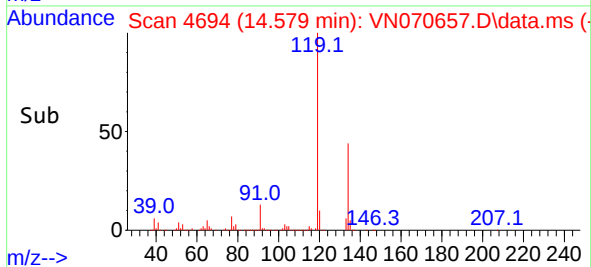
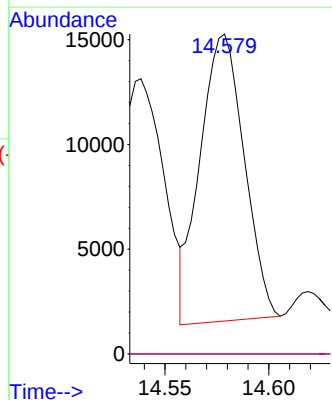
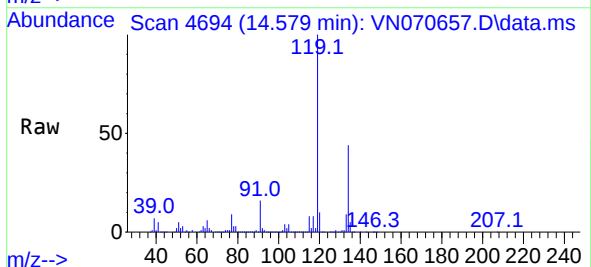
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

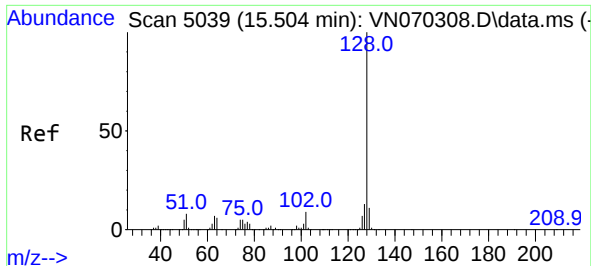
Tgt Ion:117 Resp: 545631
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.618 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.021 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 75 Resp: 20222
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

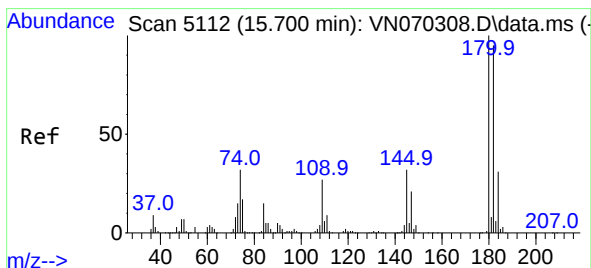
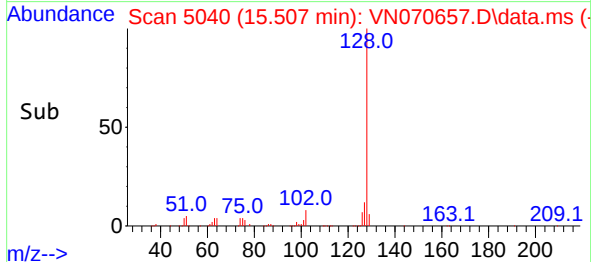
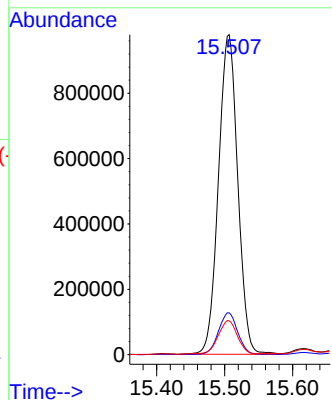
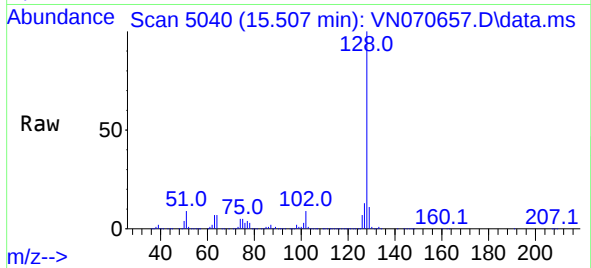




#95
Naphthalene
Concen: 84.448 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

Tgt Ion:128 Resp: 1927371
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.930 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:180 Resp: 820
Ion Ratio Lower Upper
180 100
182 54.3 47.4 142.2
145 0.0 15.0 45.1#

